





Digitized by the Internet Archive  
in 2014

<https://archive.org/details/b19974760M4071>

The

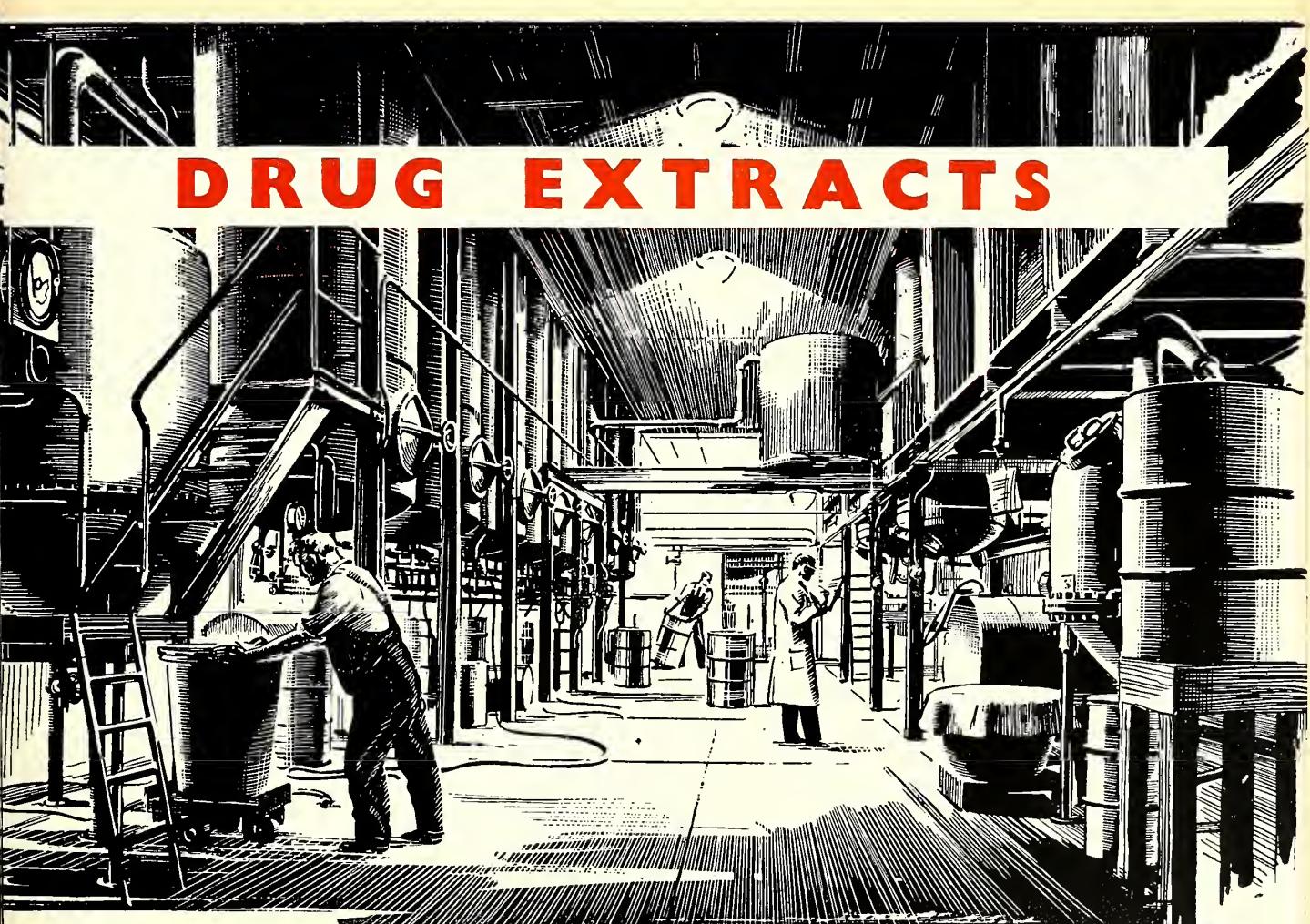


# CHEMIST AND DRUGGIST

For Retailer, Wholesaler and Manufacturer

NOVEMBER 13 1954

## DRUG EXTRACTS



taffordAllenS offer the longest experience in the preparation of fine medicinal extracts. Our high vacuum concentration process ensures full therapeutic activity. We manufacture liquid, granulated, powdered and standardized extracts; also concentrated extracts for the preparation of tinctures, infusions, liquid extracts, decoctions, confections, etc., etc.

May we quote you for your requirements?

**TAFFORD ALLEN & SONS LIMITED**

HARF ROAD, LONDON, N.1.

Telephone : CLERKENWELL 1000



StaffordAllenS

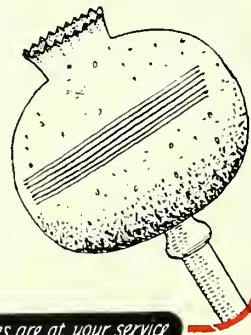


*From the poppy....*

## OPIUM & OPIATES

In few other fields is 'know how' more important than in the production of Opium Alkaloids and related products. 'Know how' is not something new, nor is it acquired overnight. Dr. Thomas Smith, one of the founders of T. & H. Smith, Ltd., first investigated opium in the 1840's. His success in establishing production of morphine and its salts, together with technical progress since made by the company, particularly in the manufacture of special products for specific purposes, has made Opiates synonymous with Smith of Edinburgh.

APOMORPHINE HYDROCHLORIDE	HYDROCODONE (DIHYDROCODEINONE) BITARTRATE
CODEINE ALKALOID	MORPHINE ALKALOID
CODEINE HYDROCHLORIDE	MORPHINE SULPHATE
CODEINE PHOSPHATE	NARCOTINE
COTARNINE ALKALOID	OPIUM
DIAMORPHINE HYDROCHLORIDE	OPIUM POWDER
DIHYDROCODEINE HYDROCHLORIDE	OXYCODONE (DIHYDROHYDROXY- CODEINONE) HYDROCHLORIDE
DIHYDROCODEINE BITARTRATE	PAPAVERINE ALKALOID
ETHYLMORPHINE HYDROCHLORIDE	PAPAVERINE HYDROCHLORIDE
HYDROCODONE (DIHYDROCODEINONE) HYDROCHLORIDE	PHOLCODINE



*Our technical resources are at your service*

**T. & H. SMITH LTD.**  
*Manufacturers of Alkaloids, Fine Chemicals and Pharmaceutical Preparations*  
**EDINBURGH**



IN his Cambridge Catalogue, John Ray told of finding *Atropa belladonna* "in the lanes about Fulbourn plentifully". Later, in his English Catalogue of 1686, he observed that a belladonna leaf applied to a small abscess near the eye of "a noble lady personally known" to him had caused dilation of the pupil. Yet no interest was taken in the mydriatics for over a century, and ATROPINE itself was not known until Rudolf Brandes of Salzuffeln isolated it in an impure state in 1819.

Now, in company with those other solanaceous alkaloids HOMATROPINE, HYOSCINE and HYOSCYAMINE, it is available in a reliably pure state as one of the many chemicals supplied by Burroughs Wellcome & Co. at competitive prices. Atropine (Pure Alkaloid), B.P.; Atropine Sulphate, B.P.; Homatropine (Pure Alkaloid); Homatropine Hydrobromide, B.P.; Homatropine Hydrochloride; Homatropine Methylbromide; Hyoscine Hydrobromide; Hyoscyamine Sulphate, B.P.C.

B.W. & CO. FINE CHEMICALS



BURROUGHS WELLCOME & CO. (THE WELLCOME FOUNDATION LTD.) LONDON

ASSOCIATED HOUSES: NEW YORK · MONTREAL · SYDNEY · CAPE TOWN · BOMBAY · BUENOS AIRES · CAIRO · DUBLIN · AUCKLAND



**Gentle**

**reminder.** In the ritual of antisepsis there can be no relaxation. In the operating theatre, in the labour ward, in the first-aid post, 'DETTOL' is a constant reminder that the greatest triumph over infection still lies in its prevention.

an **EVANS**  
MEDICAL counter speciality

**CHILBAN**

*chilblain cream*

**selling  
points**

An effective remedy

Non-greasy; non-staining

Prompt relief of irritation

Suitable for broken

chilblains

9d. profit on every sale

**RETAIL:** 2/7½ per tube.

**WHOLESALE:**

18/- per dozen plus tax.



**selling  
aids**

DISPLAY OUTERS  
SHOWCARD · COUNTER LEAFLETS  
illustrated here



# Evans Medical Supplies Ltd

**LIVERPOOL:** Speke, Liverpool 19. **LONDON:** Ruislip · Middlesex

**NEWCASTLE:** Tower House, Tower Street · Newcastle-upon-Tyne · **SWANSEA:** 4 Mariner Street · Swansea

**GLASGOW AGENTS:** The New Apothecaries Company Limited, 59 Glassford Street · Glasgow · CI

Now is the time to  
STOCK  
DISPLAY  SELL  
THE HEALTH-MASTER RANGE

Rapid turnover and good profits are ensured because Barber Health Lamps are of the finest quality available at prices welcomed by your customers.

**THE HEALTH-MASTER RANGE**

Model 365 Combined Ultra-violet and Infra-red/Luminous Heat Lamp ...	£13.13.0
Model Popular Infra-red/Luminous Heat Lamp ... ... ...	£ 4.10.0
Model 325 Infra-red/Luminous Heat Lamp (De Luxe Model) ... ...	£ 8.10.0
Model 425 (Floor Stand version of Model 325) ... ... ...	£ 9.15.0

**BARBER**

APPROVED WHOLESALE DISTRIBUTORS  
IN ALL AREAS

Produced under rigid laboratory control by  
**BARBER ELECTRICAL SERVICES LTD.**  
**BIRMINGHAM, 16.**

Telephone: EDGbaston 3511 (P.B.X.)

IF YOU REQUIRE  
**PRINTING**  
THAT  
**TELLS**  
AND  
**SELLS**

SEND YOUR ENQUIRIES TO

**ALF. HARRISON & SONS LTD.**

*Carton, Medical and Advertising Printers*

**BURLEY ROAD, LEEDS, 4**

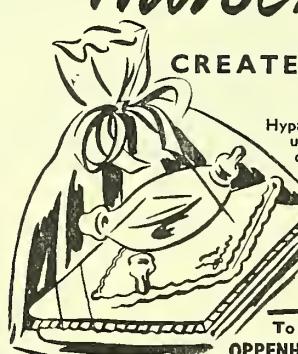
*Phone: 52668. Grams: Ideas, Leeds 4*

 Baby take a bow!  
REGISTERED TRADE MARK

**HYPAK**  
BRAND

**Nursery Bags.**

CREATE RECORD SALES FOR CHEMISTS

 Hypak Nursery Bags keep Baby's feeding utensils, clothes, toys and bed linen completely protected from all germs, dust, dirt and dampness. They're ideal too for carrying soiled nappies and clothes when travelling or visiting. Mothers have been quick to realise the advantages of this new line which is making up record sales in Chemists everywhere. Retail price is 4/9 per pack. (Inc. P.T.)

To HYPAK DIVISION of The OPPENHEIMER CASING Co. (U.K.) Ltd.,  
159-165 Harrow Road, London, W.2 Tel: PADdington 7431

As a..... (insert Retailer or Wholesaler)  
I am interested in HYPAK Nursery Bags.

Name.....

Address..... (C&D 13/11/54)

Scottish Sales Depôt: Thornybark, Fountainbridge, Edinburgh, 3  
Telephone: Fountainbridge 1403

## INDEX TO ADVERTISERS

Allen, Stafford, & Sons, Ltd. ....	Front Cover	13
Askit, Ltd. ....	48	2
Bailey, Robert, & Son, Ltd. ....	46	
Barber Electrical Services, Ltd. ....	4	
Beanstalk Shelving Co., Ltd. ....	25, 27	
Beautisales, Ltd. ....	32	
Bencard, Ltd. ....	7	
Bengue & Co., Ltd. ....	25	
Biorex Laboratories, Ltd. ....	38	
Boutalls Chemists, Ltd. ....	Leader Page	
British Drug Houses, Ltd., The ....	35	
British Dyewood Co., Ltd. ....	54	
Britton, Malcolm, & Co., Ltd. ....	39	
Burroughs Wellcome & Co. ....	1, 31	
Calmic, Ltd. ....	45	
Cannon Rubber Manufacturers, Ltd., The ....	40	
Carnegies of Welwyn, Ltd. ....	6	
Cartwright, W. B., Ltd. ....	5	
Cellucotton Products, Ltd. ....	10, 11	
Chemist and Druggist Dictionary of Synonyms ....	55	
Coates & Cooper, Ltd. ....	38	
Colgate-Palmolive, Ltd. ....	56	
Compressed Paper Packing Co., Ltd. ....	46	
County Laboratories, Ltd. ....	49	
Cow & Gate, Ltd. ....	32	
Cox, Arthur H., & Co., Ltd. ....	8	
Crosskills of Norwich ....	Leader Page	
Culmak, Ltd. ....	Leader Page	
Cuticura Preparations ....	50	
Daniel, Richard, & Son, Ltd. ....	48	
Dehydration Co. of Egypt, The ....	Leader Page	
"Dettol" ....	2	
Edme, Ltd. ....	48	
Ellern Paper Co., Ltd. ....	12	
Evans Medical Supplies, Ltd. ....	3	
F.A.I.R. Laboratories, Ltd. ....	52	
Fibrenyle, Ltd. ....	33	
Fish Optical Co., Ltd. ....	54	
Gibson, Robert, & Sons, Ltd. ....	36	
Gupwell, A. J. (Shopfitters), Ltd. ....	30	
Hampshire, F. W., Co., Ltd. ....	28	
Harrison, A., & Sons, Ltd. ....	4	
Haywood, J. H., Ltd. ....	Leader Page	
Hotchkiss, H. G., Essential Oil Co., The ....	54	
Hudnut, Richard, Ltd. ....	41	
Ibbetsons ....	15	
Ilford, Ltd. ....	37	
Imperial Chemicals (Pharmaceuticals), Ltd. ....	20	
Jeffreys Miller & Co., Ltd. ....	54	

(continued overleaf)

# TABLETS

*To any Formula*

Our long experience of tablet manufacture is at your disposal. Exercising the strictest laboratory control throughout all production stages, we prepare tablets, coated or uncoated, to B.P., B.P.C., N.F., or customer's own formula, processing his own materials if desired. Our service includes your 'own name' labelling and packaging to meet individual requirements.



**W. B. CARTWRIGHT LTD.**

MANUFACTURING CHEMISTS

RAWDON

LEEDS

## INDEX (cont.)

Kearsley, C. G., Ltd. ....	55	Phillips, Chas. H., Chemical Co. ....	51
Kellys, John (London), Ltd. ....	50	Prince Regent Tar Co., Ltd. ....	54
Kerfoot, Thomas, & Co., Ltd. ....	16, 17	Progressive Novelty Industries (Manchester), Ltd. ....	55
Kimpton Brothers, Ltd. ....	47		
Kirby, H. & T., & Co., Ltd. ....	21		
 Laporte Chemicals, Ltd. ....	46		
Lastonet Products, Ltd. ....	50		
Lehn & Fink Products, Ltd. ....	14		
Lifeguard Products, Ltd. ....	30		
 Macdonald & Son, Ltd. ....	30		
Macfarlan, J. F., & Co., Ltd. ....	Cover iv		
May & Baker, Ltd. ....	20		
Meggeson & Co., Ltd. ....	34		
Mining & Chemical Products, Ltd. ....	38		
'Myers of Old Street' ....	Classified Section		
 National Glass Works (York), Ltd. ....	44		
Nu-Swift, Ltd. ....	8		
 Oppenheimer Casing Co. (U.K.), Ltd., The ....	4		
Orridge & Co. ....	Classified Section		
Ortho Pharmaceutical, Ltd. ....	24		
 Parkinsons, Ltd. ....	52		
Payne, P. P., & Sons, Ltd. ....	43		
Perry's Powders, Ltd. ....	55		
Pierson, Morrell & Co., Ltd. ....	42		
 Skuse & Co., Ltd. ....	Leader Page		
Smith, T. & H., Ltd. ....	Cover ii		
Smith, T. J., & Nephew, Ltd. ....	18		
St. Andrew Mills, Ltd. ....	22, 23		
Surgical Hosiery Co., Ltd. ....	36		
 Tintex Dyes ....	8		
 United Glass Bottle Manufacturers, Ltd. ....	9		
 Warner, Wm., R., & Co., Ltd. ....	19, 29		
Washington Chemical Co., Ltd., The ....	36		
Wesley, Harold ....	55		
Whiffen & Sons, Ltd. ....	Cover iii		
Wiles, C., Ltd. ....	55		
Wilson & Mansfield, Ltd. ....	55		
Wimsol, Ltd. ....	55		
Wyeth, John, & Brother, Ltd. ....	27		
 Yalcs, Ltd. ....	8		
 Zeal, G. H., Ltd. ....	42		

*From the Carnegie Range of Fine Chemicals*

## BISMUTH SALTS

CARNEGIES OF WELWYN LTD

Telegrams: 'CARNEGIES, WELWYN GARDEN CITY'

Telephone: WELWYN GARDEN 5001

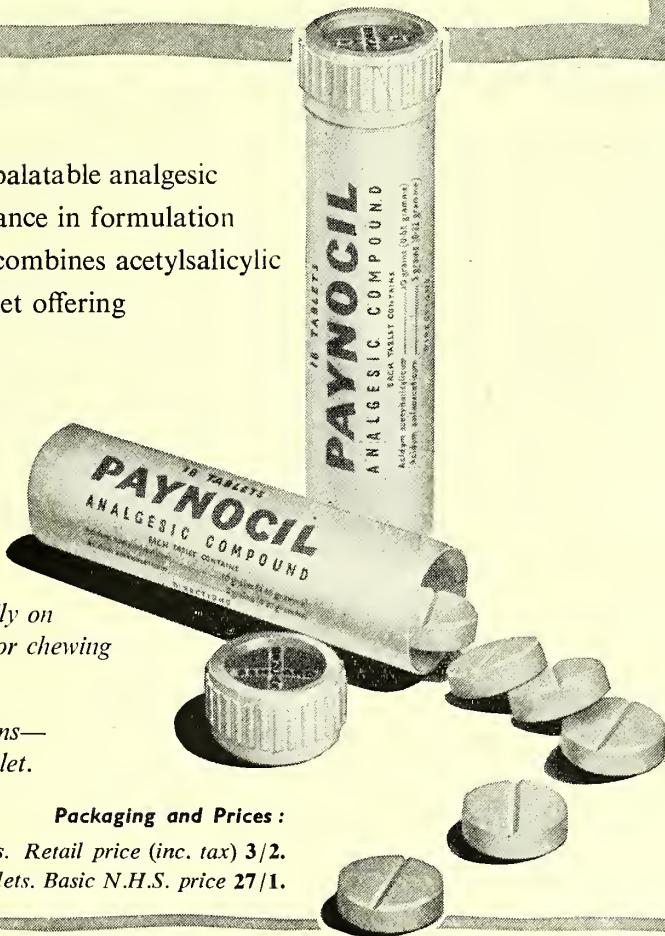
(6 lines)

# PAYNOCIL

OVERCOMES ASPIRIN IRRITATION

Paynocil is a new, non-irritant, palatable analgesic representing a considerable advance in formulation among products of its kind. It combines acetylsalicylic and amino-acetic acids in a tablet offering the following advantages:

- \* *It does not cause gastric irritation.*
- \* *It provides the most palatable and convenient form of analgesic medication.*
- \* *It disintegrates pleasantly and rapidly on the tongue; swallowing with water or chewing are unnecessary.*
- \* *An effective dose of aspirin (10 grains—0.65 grammes) is provided in one tablet.*



**Packaging and Prices :**

*Tubes of 18 tablets. Retail price (inc. tax) 3/2.  
Dispensing packs of 240 tablets. Basic N.H.S. price 27/1.*

**LONG TERM, INTENSIVE USE**

Because of its non-irritant properties Paynocil is ideal in the prolonged aspirin therapy necessary in rheumatoid arthritis.

**SHORT TERM OR OCCASIONAL USE**

It is equally suitable for the occasional analgesia required for headaches or neuralgia owing to its convenience and acceptability to all patients.

**Formula:** each tablet contains:

Acetylsalicylic acid . . . . . 10 grains (0.65 grammes)  
Amino-acetic acid . . . . . 5 grains (0.32 grammes)

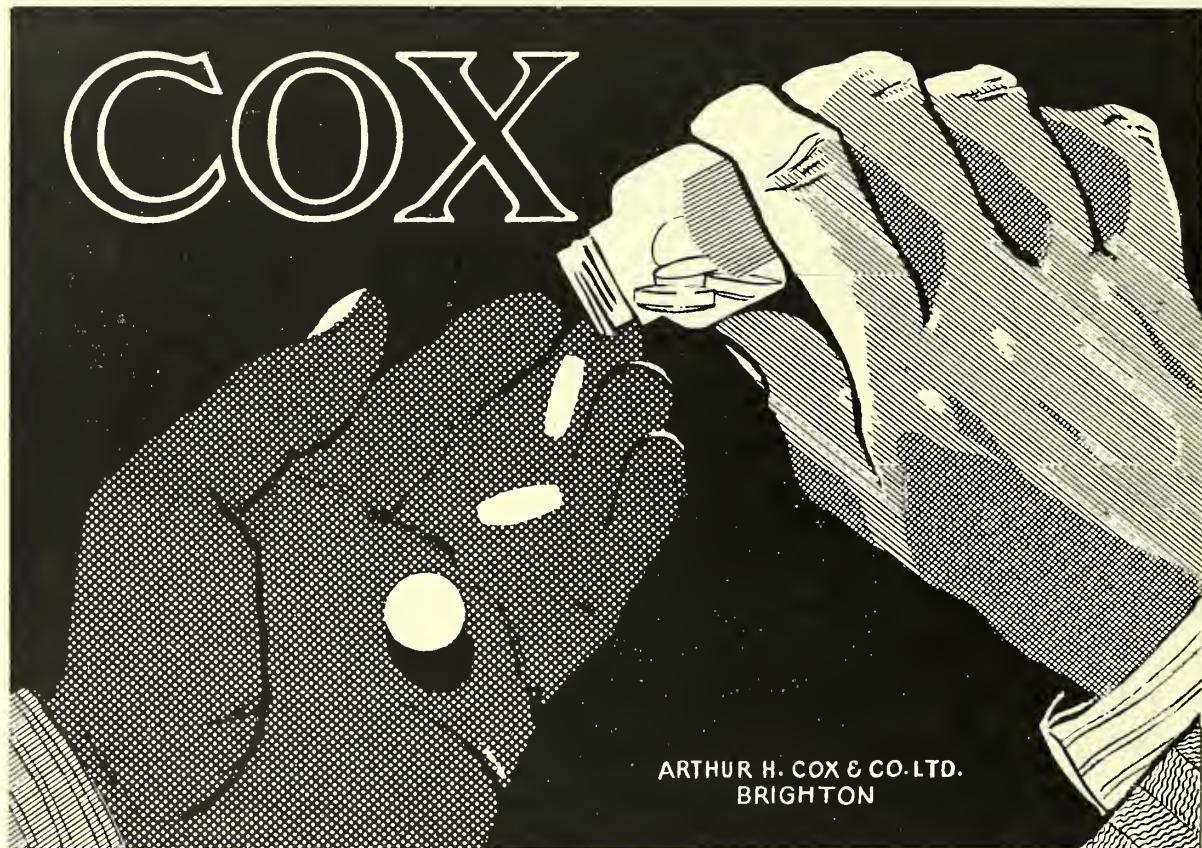
**C. L. BENCARD LTD**

Telephone: ELGar 6681



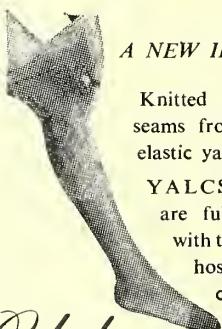
**PARK ROYAL, LONDON, N.W.10**

Telegrams: Bencarlond, Harles, London



## Sell surgical hosiery with FASHION

MANY of your women customers refrain from wearing surgical hosiery for appearance's sake. Yalcs Elastic Nylons have been developed to cater for this big potential market and at the same time to provide for those habitually wearing surgical hosiery an opportunity of feeling well dressed. This is the elastic stocking women have been hoping for. Retail price 63/- per pair, attractively boxed. Also in service weight. Full trade discount. Showcards and leaflets are available. Apply to your usual wholesaler for supplies.



### A NEW IDEA IN SURGICAL HOSIERY

Knitted with fashion marks and seams from the finest nylon-covered elastic yarn.

YALCS ELASTIC NYLONS are full-length surgical stockings with the appearance of fashionable hose. They give comfort and confidence.

*Yalcs* ELASTIC NYLONS

Sole Agents: GLENSIDE (LONDON) LIMITED  
8 OXFORD CIRCUS AVE, OXFORD ST, LONDON, W1. MUSEum 8820

## DEAR MR. NU-SWIFT,

Of course, we've some fire extinguishers, but are they up-to-date? Please ask your man to call and check them—ahead of that Fire Fiend!

Name.....

Address.....

MAIL NOW to Nu-Swift Ltd., Elland, Yorks.

The dye that  
pleases your  
customers is

# Tintex

*the world's  
largest selling  
dye*

★ SUPERB QUALITY.

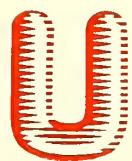
★ PROTECTED AGAINST  
DAMP BY INNER  
ENVELOPE.

★ NATIONALLY  
ADVERTISED.

*Order today*

TINTEX DYES LTD

127 HIGH STREET • CROYDON • Telephone: CROYdon 7211



SE



OOD



OTTLES

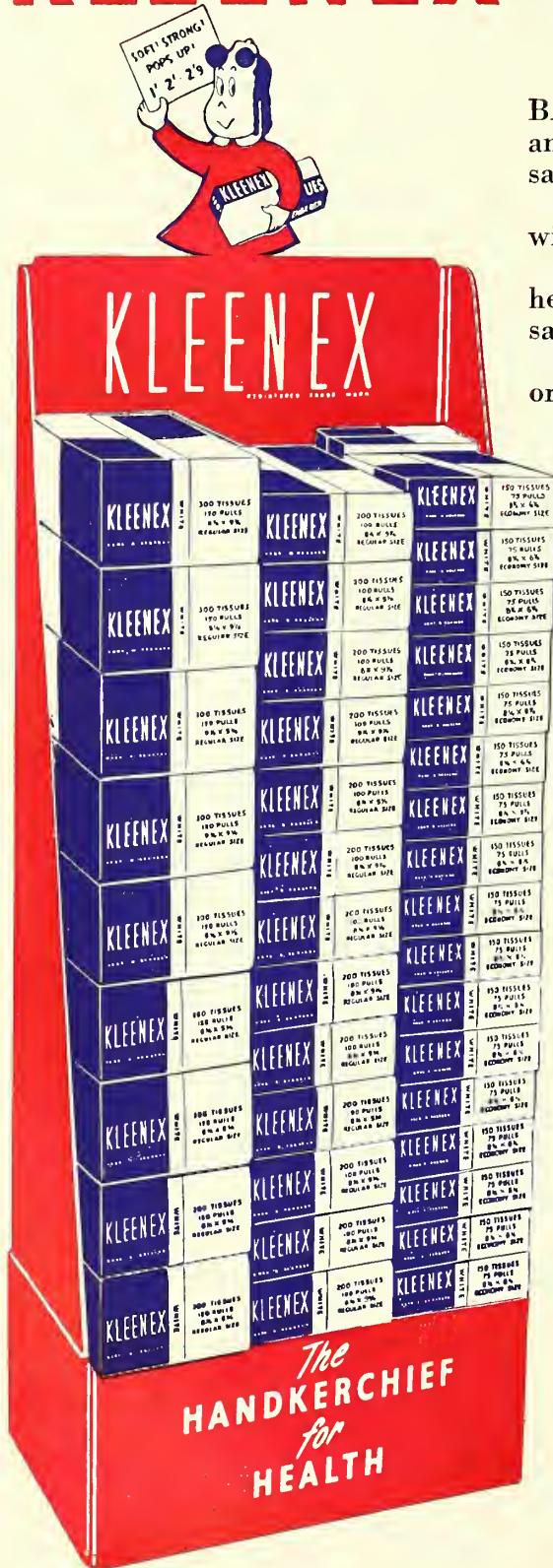
**UNITED GLASS BOTTLE MANUFACTURERS LIMITED**

8 LEICESTER STREET, LONDON, W.C.2

Telephone: GERRARD 6611 (18 Lines)

Telegrams: UNGLABOMAN, LESQUARE, LONDON

# KLEENEX OUTSELLS ALL



BACKED BY even-stronger advertising than before and with these two outstanding displays, your sales will mount higher still!

The eye-catching *animated Little Lulu* display will sell Kleenex faster than ever before.

The display stand just asks your customers to help themselves! And, what's more, it's space-saving; stores half a case of Kleenex too!

Both come to you FREE with every 5 cases order!

ANIMATED LITTLE LULU DISPLAY



LITTLE LULU BY Marge

## KEEP KLEENE

### For lightning

Order through your wholesaler, or write direct

# OTHER BRANDS COMBINED!

## ARE YOU GETTING YOUR FULL KLEENEX\* PROFITS?

- \* Order 5 cases and get 5% additional profit!
- \* Order 5 cases and get FREE the large Kleenex "help-yourself" display stand—it's worth another pair of hands to you and so handy for storing Kleenex!
- \* Order 5 cases and the Little Lulu mobile display is yours (on loan complete with self-contained battery power unit). She attracts; she fascinates; she *sells!* In one chemist's shop, Little Lulu increased Kleenex sales by 53%.

### Consumer Price

**1/-** (6 dozen boxes per case)  
**2/-** (4 dozen boxes per case)  
**2/9** (3 dozen boxes per case)

### Trade Price

**9/- per dozen**  
**18/- per dozen**  
**24/9 per dozen**

5% discount on orders of 5 cases or more! REMEMBER, YOUR 5-CASE ORDER CAN INCLUDE KOTEX\* (with increased profit margin during November and December) and DELSEY\*!

## N DISPLAY

Turnover all the year round!

Cellucotton Products Ltd., London, N.W.5.

\*Reg. T.M.

**INCOMPARABLE VALUE!**

**New 7oz. GIANT ROLL**  
to sell at **9<sup>d</sup>** only!

**JUMBO**  
Toilet Roll

**Hygienic**  
**WONDER**  
Toilet Roll

**Hygienic**

**and this**  
**STANDARD**  
**SIZE ROLL**  
of excellent quality  
at a popular price

**6<sup>d</sup>**

With these two fine lines, both designed for eye-catching counter appeal, we offer the highest possible standard consistent with prices your customers can afford. They'll bring you bigger and better sales—**NOW**.

**FULL MARGINS.** Write for sample rolls and price lists.

★ **Free Jumbo Display Stand with one gross order.**



**ELLERN**  
PAPER COMPANY LIMITED

ELLERN PAPER CO., LTD., ASHFORD ROAD, ASHFORD, MIDDLESEX



# GALENICALS

## for WINTER DISPENSING

*Manufactured under strict  
supervision from finest  
quality ingredients.*

**RICHARD DANIEL & SON LTD.**  
MANUFACTURING CHEMISTS  
**MANSFIELD ROAD DERBY** TEL: 48266 (4 lines)  
And at GROSVENOR ST., ASHTON-U-LYNE. Tel: 2816 (3 lines)

## NO ADDED SUGAR

in these delicious  
fruit drinks



**ROSE'S DIABETIC LIME JUICE**

3/- a bottle

**ROSE'S DIABETIC ORANGE OR LEMON SQUASH**

3/- a bottle

FROM LEADING CHEMISTS.

These eye-catching new gift-packs are going to



Showy as fireworks, they'll go off with a **BANG**—around Christmas!

What a gay splash of colour these sparkling cartons will make on your counter!

Bright with Santas and snow, they can't fail to catch the eye of your Christmas-gift shoppers. So stock up NOW, with full supplies of Hinds famous Honey-and-Almond Cream! And when your stocks are delivered, make sure you display them boldly in your windows and on your counter.

**NOTE:**

*These novelty gift-packs are sure to appeal to children, too. Why not suggest that they would make a lovely gift for Mother.*

When we tell the  
public about  
**New IBCOL**  
you're bound to have  
stocks!



IBCOL will soon be making NEWS! After months of research and tests, this hospital-safe germicide has been made even safer. This improvement has been achieved by a new special combination of germ killing ingredients, which at the same time, give Ibcoll a wonderful new fragrance. Now—new Ibcoll gives better than ever protection against germs and infection and brings springtime fragrance into every home, all the year round.

**IN YOUR SHOP NOW**

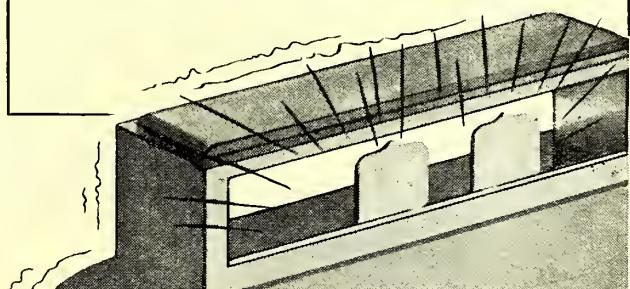
We have been despatching new Ibcoll from our factory for several months. By now every retailer has stocks. And very shortly large-scale national advertising will tell the public the BIG news about NEW Ibcoll!

**EXTRA TURNOVER FOR YOU**

Large space advertisements in the newspapers will tie up with a colourful range of eye-catching displays for your counter and windows. Don't miss the big extra turnover this campaign is bound to bring you. Make sure you have ample stocks . . . give the new

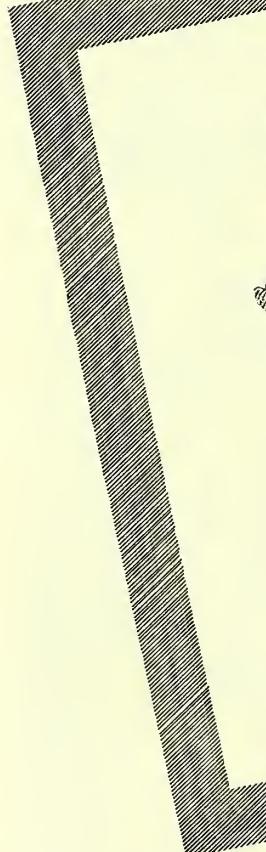
displays a prominent place in your shop . . . and cash in on the bigger-than-ever profits from wonderful new Ibcoll!

*Extra germ-killing  
power-Fresher fragrance*  
**New IBCOL**  
*WILL BREAK ALL SALES RECORDS!*



**IBBETSON · LONDON · ENGLAND**

# Nation-wide publicity of VAPEX MEDICATED RUB will create a big demand. It's time to stock-up now!



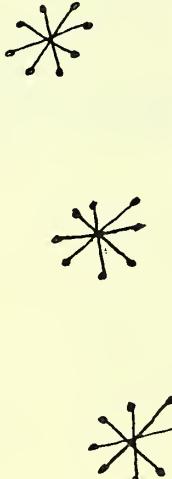
The measure of your love is the care and the comfort you give. One of the times when you are most needed is when your youngster is miserable with a nasty cold. With Vapex at hand you can ease colds quickly and safely. Rubbed on the chest at bedtime, Vapex Medicated Rub acting through the night gently soothes away congestion and irritation. Vapex Medicated Rub is specially made to penetrate deeper, that's why it is so much more effective. From your chemist 1/-1d jar

\* Vapex Medicated Rub contains Methyl Nicotinate, a substance allied to a vitamin of the B group, which relieves the surface tissues bringing a feeling of warmth and relief.

**VAPEX**  
MADE WITH  
MEDICATED RUB



Also Vapex Inhalant (for your handkerchief and pillow) 2/9d; Vapex Pastilles 1/-1d; the Vapex Inhaler (to carry with you) 1/-1d and Vapex Medicated Lozenges 6d.  
Made by Thomas Kerfoot & Co. Ltd.



How precious  
is your child?

The measure of your love is the care and the comfort you give. One of the times when you are most needed is when your youngster is miserable with a nasty cold. With Vapex at hand you can ease colds quickly and safely. Rubbed on the chest at bedtime, Vapex Medicated Rub acting through the night gently soothes away congestion and irritation. Vapex Medicated Rub is specially made to penetrate deeper, that's why it is so much more effective. From your chemist 1/-1d jar

\* Vapex Medicated Rub contains Methyl Nicotinate, a substance allied to a vitamin of the B group, which relieves the surface tissues bringing a feeling of warmth and relief.

**VAPEX**  
MADE WITH  
MEDICATED RUB

Also Vapex Inhalant (for your handkerchief and pillow) 2/9d; Vapex Pastilles 1/-1d; the Vapex Inhaler (to carry with you) 1/-1d and Vapex Medicated Lozenges 6d.  
Made by Thomas Kerfoot & Co. Ltd.

Full of appeal to mothers, these advertisements will appear in publications chosen for their great appeal to wo-

**VAPEX**  
**Medicated**  
**Rub** will be  
advertised in the following  
papers and periodicals from January 1st 1955.

News of the World	CIRCULATION 8,134,826
Sunday Pictorial	" 5,446,255
Daily Mirror	" 4,664,919
Woman	" 3,043,017
Can Bull.	" 1,133,000
Culture Post.	" 999,959
Bits	" 984,000
Sketch	" 841,812
and Home	" 296,000
United London News	" 78,872
"	" 59,281
"	" 34,299

**VAPEX MEDICATED RUB**  
is made by the makers of  
Vapex Inhalant, Vapex Inhaler  
Vapex Pastilles, Vapex Lozenges

Thomas Kerfoot & Co. Ltd., Vale of Bardsley,  
Ashton-under-Lyne, Lancashire

# NIVEA for Christmas!

## FREE FESTIVE WRAPPERS

### Ready now!

Here they are! Sure-selling sales-winning  
wrappers for NIVEA CREME.

Handy-sized, easy-priced Nivea will be in  
great demand at Christmas—especially  
if so gaily and attractively dressed for  
the occasion!

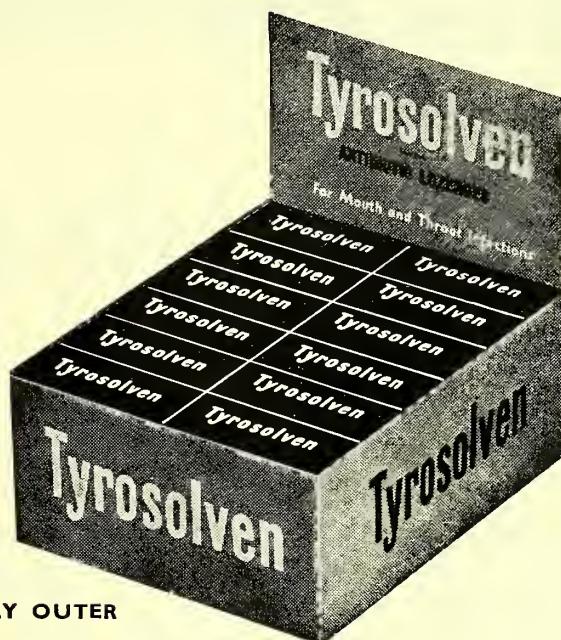


**ORDER NOW!**  
any quantity supplied to  
fit existing stocks!

Skin needs **NIVEA**

Enquiries to **SMITH & NEPHEW LTD.**, Welwyn Garden City, Herts, the marketing organisation of  
Herts Pharmaceuticals Ltd., the manufacturers and owners of the NIVEA Trade Mark.

**For  
your  
greater  
profit  
this  
winter**

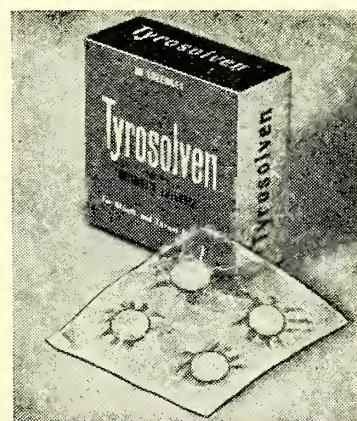


NEW DISPLAY OUTER

# Tyrosolven *antibiotic throat lozenges*

During the autumn and winter season of colds and influenza with their accompanying sore throats, Tyrosolven should be recommended both as a prophylactic and as a bactericide for the wide range of pathogenic organisms present in the mouth and throat. Tyrosolven also relieves pain and so eases the process of eating and swallowing. To increase your Tyrosolven sales still further this winter, this outstanding display outer and pack has been designed. Tyrosolven is being strongly promoted to the medical and allied professions and their recommendations will bring ever increasing counter sales. In addition, these latest advances in modern marketing and packaging design are certain to win new customers for Tyrosolven—especially if you find space for the display outer!

**PRICES:** Available in packs of 20 lozenges at 2/6d. each retail (no Purchase Tax). List Price per dozen 20/- (excluding Purchase Tax.)



NEW 20 LOZENGE PACK

P.A.T.A.

**WILLIAM R. WARNER & CO. LTD., Power Road, London W.4.**

# Effective cough control

with

## 'PHENSEDYL'

trade mark

brand

PROMETHAZINE COUGH LINCTUS

It is time once again to check your stocks of prescription products to meet the increasing demands that come with autumn and winter. This year there is one new product that you will definitely want to stock—'Phensedyl'. 'Phensedyl' is not just another cough linctus, for it contains the powerful antihistaminic and anti-emetic, promethazine—the active constituent of 'Phenergan' and 'Avomine'—plus codeine and ephedrine, drugs that are now widely accepted as effective cough suppressants. Moreover, 'Phensedyl' is attractive in appearance and pleasant to take, important features that doctors will certainly bear in mind when prescribing a cough linctus.

Details of 'Phensedyl' have already been presented to general practitioners in your area, and wholesalers are now carrying stocks to meet your demands.



MANUFACTURED BY  
MAY & BAKER LTD

DISTRIBUTORS: PHARMACEUTICAL SPECIALITIES (MAY & BAKER LTD) · DAGENHAM · ESSEX



SUPPLIES:

BOTTLES OF 4 FL. OZ. .... 4s. 0d.  
BOTTLES OF 40 FL. OZ. .... 35s. 0d.

\* Usual discount, and exempt from Purchase Tax.

'Phensedyl' is supplied on prescription only (Poisons List Part I, Schedules I and IV).

A NEW M&B BRAND MEDICAL PRODUCT

MA2053A

IN PHARMACEUTICAL  
Established

**KIRBY**

1866

CIRCLES

Are recognised as pre-eminent in  
the manufacture of

**TABLETS**

ALSO

PILLS · CAPSULES · PESSARIES · SUPPOSITORIES  
PENICILLIN PRODUCTS · OINTMENTS FOR THE EYE  
SOFT GLYCERINE LOZENGES · PACKED PHARMACEUTICALS  
STERILE PRODUCTS

*Own materials processed* • *Special Formulae prepared*

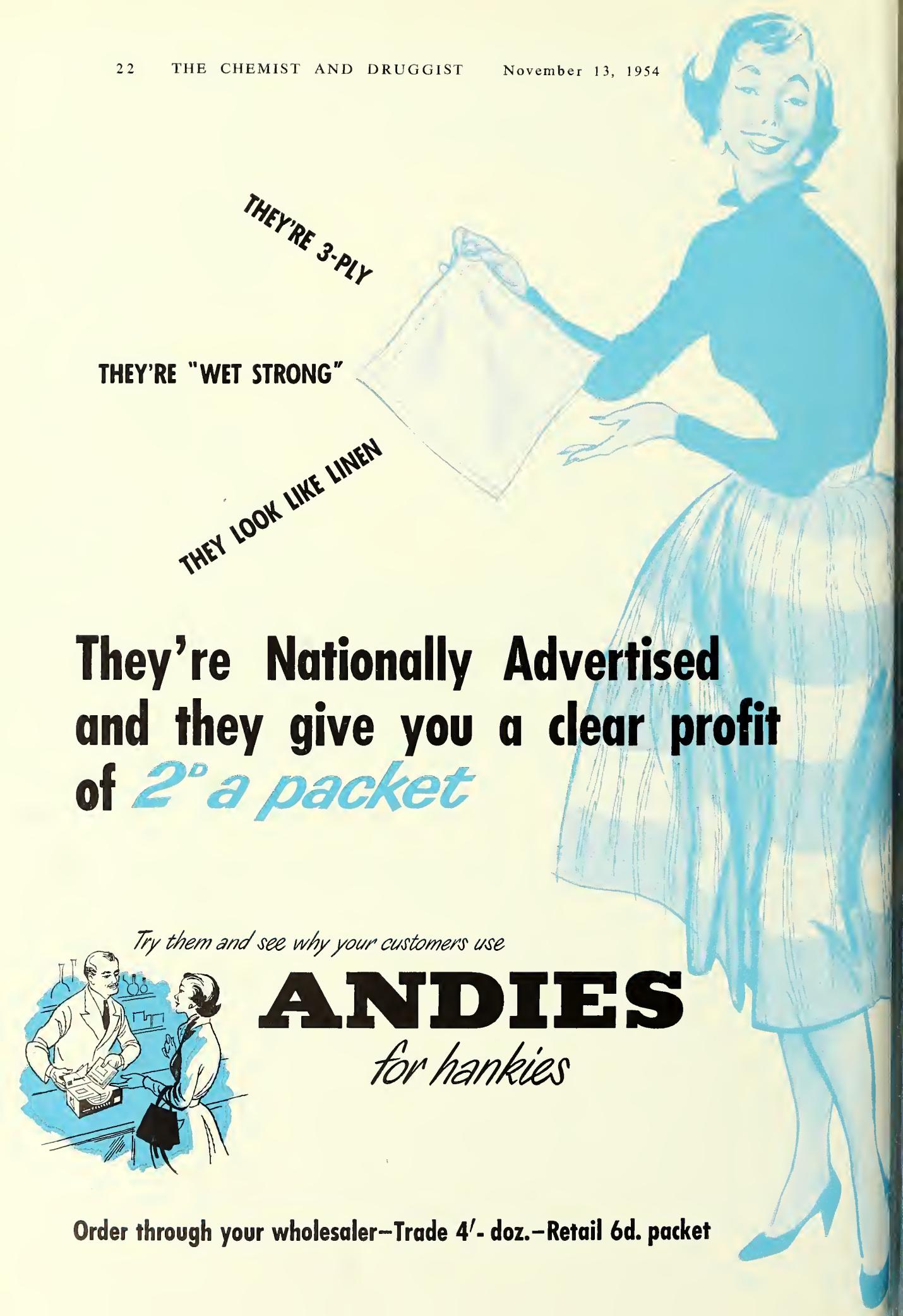
HOME AND EXPORT ENQUIRIES INVITED

*Price List forwarded on application to:—*

**H. & T. KIRBY & Co. Ltd.**

Manufacturing Chemists, WILLESDEN GREEN, LONDON, N.W.2

Phone: Willesden 1146    Telegrams: Kirbillim, Norphone, London    Code: Bentleys (2)



THEY'RE "WET STRONG"

THEY'RE 3-PLY

THEY LOOK LIKE LINEN

**They're Nationally Advertised  
and they give you a clear profit  
of 2<sup>d</sup> a packet**

*Try them and see why your customers use*

**ANDIES**  
for hankies



Order through your wholesaler—Trade 4/- doz.—Retail 6d. packet



Display Dispenser holds 1 doz.

another ALL BRITISH product from ST. ANDREW MILLS LTD., LONDON, E.17



# Ortho

*... devoted to the discovery  
and development of obstetric  
and gynaecologic pharmaceuticals*

**Aci-Jel:** For restoration and maintenance of normal vaginal acidity. Bland, non-irritating highly buffered acid jelly for topical use in treatment of vaginitis.

Aci-Jel: 3 oz. tube with or without applicator.

**Triple Sulfa Cream:** For bacterial vaginal infections. Combines three sulphonamides with urea peroxide for more effective control of a wide variety of vaginal pathogens. Relieves symptoms promptly, eliminates malodorous discharge.

Triple Sulfa Cream: 2½ oz. tube with or without applicator.

**Dienoestrol Cream:** Vaginal oestrogen therapy for senile and atrophic vaginitis and postmenopausal pruritis vulvae. Contains 0.1 mg. of the synthetic oestrogen dienoestrol per gram of cream base.

Dienoestrol Cream: 2½ oz. tube with or without applicator. Also available in 1 oz. tubes for general application as prescribed.

**Massé Nipple Cream:** For prevention and treatment of cracked nipples. Contains the safe, effective antiseptic 9-amino acridine and allantoin. Dainty, aesthetic, emollient and healing. Does not interfere with nursing. Ideal for antepartum nipple conditioning and postpartum nipple care.

Massé Cream: 1 oz. tube, individually boxed.

**Hexital:** For relief of menopausal symptoms. Combines 3 mg. of the synthetic oestrogen hexoestrol with 20 mg. of phenobarbital. Oestrogen effect plus mild sedation provide more complete control of menopausal symptoms.

Hexital: Bottles of 100 and 500 tablets.

**Nidoxital:** Controls nausea and vomiting of pregnancy with pyridoxine, dl-methionine, nicotinamide, benzocaine, and pentobarbital. Effective relief in 24 to 72 hours in most cases.

Nidoxital: Bottles of 12, 20 and 100 capsules.

**Nutri-Sal:** A Ringer-type/glucose douche designed to promote fertility in selected cases by virtue of its ability to enhance sperm survival and migration.

Nutri-Sal: Packages of 3 vials, each sufficient for 1 pint douche solution.

Supplies through your usual wholesaler, please!



Pharmaceutical Limited

HIGH WYCOMBE · BUCKINGHAMSHIRE · ENGLAND  
Makers of Gynaecic Pharmaceuticals

*Our Numbers up*  
(In London only!)

**MOUNTVIEW 9527**

Approaching each Christmas there is always a run on Beanstalks for displaying the goodness-knows what of seasonal lines and the awkward things for which extra selling space must be found.

Any Retail Chemist 'phoning the above number will get details right away or delivery of any unit within a week.

Sorry—but this particular service is laid on for the London and Greater London area only.

BEANSTALK SHELVING LTD · CHICHESTER · SUSSEX

## RHINAMID BAILLY

(Sch. IV)

An Aqueous Isotonic Solution indicated in  
Rhino-Pharyngeal Affections

Available through all wholesale houses, and being vigorously introduced to the Medical Profession.

### PACKINGS

YOUR PRICE—35 c.c. Bottle 31/6 per doz.

Dispensing Packs—8 fl. ozs. 10/- net.  
80 fl. ozs. 80/- net.

RETAIL PRICE—35 c.c. Bottle ... 3/6 ea.

## BENGUE'S BALSAM

*Rapid relief from the pains of*

**RHEUMATISM, SCIATICA, NEURALGIA  
MUSCULAR FATIGUE AND STRAIN**

IS OBTAINED WITH BENGUE'S BALSAM

Steady Mail, Press and Personal Propaganda is maintained amongst members of the Medical Profession. Stock now to ensure meeting the demand which the season will bring.

### PRICES TO YOU:

Small size 15/9 doz. plus 3/10d. P.T.

Large size 26/2 doz. plus 6/5 P.T.

1 lb. Dispensing Packs 28/- each net

RETAILING AT: 2/1 & 3/6 per tube

## BENGUE & CO., LTD.

Manufacturing Chemists, MOUNT PLEASANT, ALPERTON, WEMBLEY, MIDDX.



Here's a special all-out seasonal publicity campaign for Remington 60—starting this month, continuing right up to Christmas week. Let Remington 60 fill your till—put through your orders TODAY.

**DEALER AIDS** Free display material, free Remington Stereo Service, 50/50 dealer-ad plan to direct this demand into *your* store! And the £2 trade-in offer on old electric shavers continues.

**PRESS** Big spaces, striking ads. in all national mass-circulation papers and magazines. Sixty **LARGE** insertions in 6 weeks . . . advertisements that will be seen 112,000,000 times before Christmas! Sure to bring the gift-buying public to *your* shop!

**FILMLETS** showing nationally at nearly 1,000 cinemas to packed pre-Christmas audiences already in a buying mood. These colourful, compelling filmlets mean cash over your counter!



**REMINGTON 60**  
THE SHAVER THAT REALLY MOVES!

Remington Rand (Electric Shaver Division) 1-19 New Oxford Street, London, WC1

in the window \* \* \* \* \* up the wall

Step up your  
**XMAS SALES**  
with the versatile  
**BEANSTALK**

for the sticky things —  
the awkward things —  
the difficult to handle things —  
the move around things

They give selling space UPWARDS!

details of all models from BEANSTALK SHELVING LTD  
INDUSTRIAL ESTATE, CHICHESTER, SUSSEX

Your name and address.....

on the floor \* \* \* \* \* on the Counter



*Wyeth*

THERE IS STILL TIME TO BENEFIT FROM THE

**'ENDRINE'**  
Trade Mark

NASAL COMPOUND

**SPECIAL NOVEMBER BONUS OFFER**

The money-making bonus of FOURTEEN TO THE DOZEN on a minimum order of 2 dozen 1 oz. size any variety through your usual wholesaler, will bring you a profit of 24/8d on the small outlay of 45/4d (excl. P.T.).

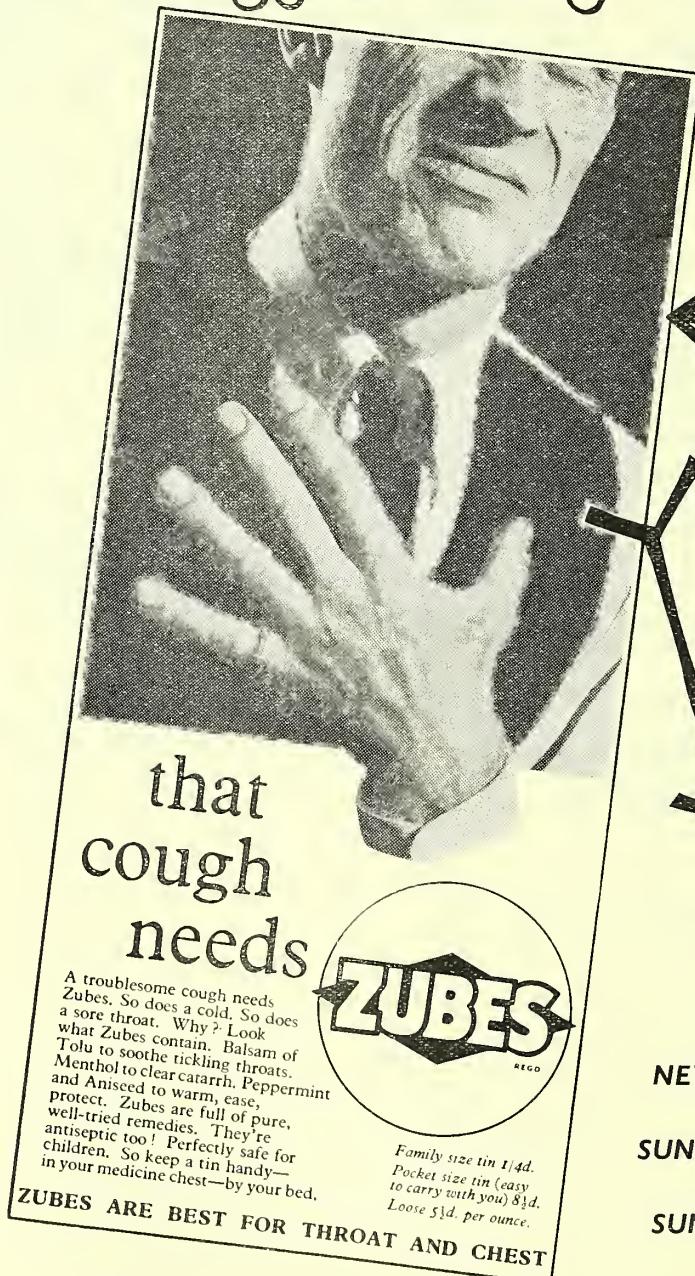
For this, you merely give a window and/or counter display of 'ENDRINE' for a period of 14 consecutive days.

**Place your order now for immediate execution**

***John Wyeth & Brother Ltd., Clifton House, Euston Road, London, N.W.1.***

# ZUBES,

*the biggest-selling cough pastilles,*



are getting more advertising than ever this winter

This advertisement, and others like it, will be seen  
**42,047,160 times**  
 by potential customers in

DAILY EXPRESS  
 DAILY MIRROR  
 DAILY MAIL  
 DAILY HERALD  
 NEWS CHRONICLE  
 REVEILLE  
 NEWS OF THE WORLD  
 SUNDAY CHRONICLE  
 SUNDAY EMPIRE NEWS  
 PEOPLE  
 SUNDAY DISPATCH  
 SUNDAY PICTORIAL

Only one thing more is needed for huge winter sales . . . *You*

For you are the man who sells our product.

**MAKE SURE YOUR ZUBES ARE WELL DISPLAYED**

# Peritrate

is now  
available

as

*"... the most effective  
drug currently  
available for prolonged  
prophylactic therapy  
in angina pectoris"\*\**

# Peritrate

*Trade Mark*

## with Phenobarbitone

*for the angina pectoris patient  
who needs sedation*

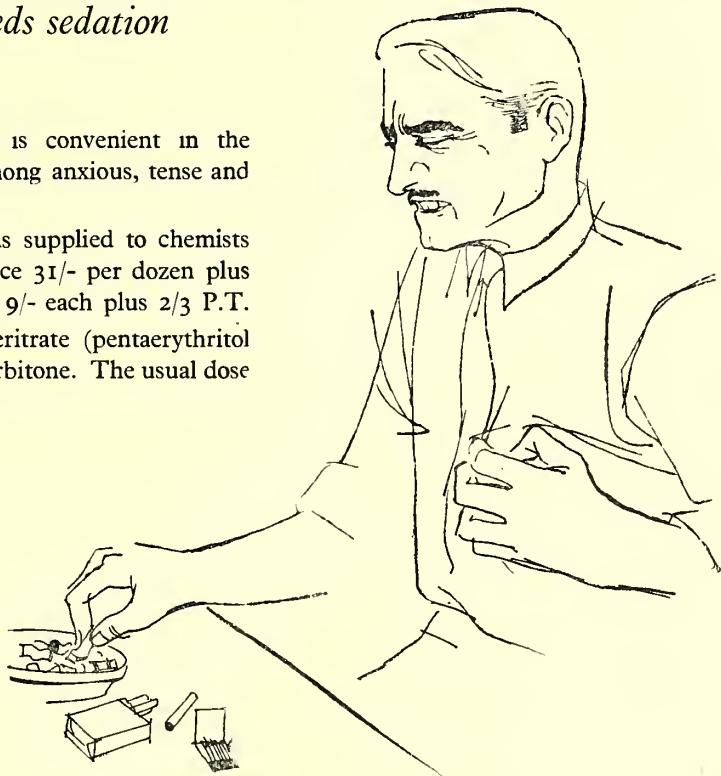
Peritrate with Phenobarbitone is convenient in the treatment of angina pectoris among anxious, tense and nervous patients.

Peritrate with Phenobarbitone is supplied to chemists in bottles of 50 tablets, list price 31/- per dozen plus 7/9 P.T.; bottles of 500 tablets 9/- each plus 2/3 P.T. Each tablet contains 10mg. Peritrate (pentaerythritol tetranitrate) and 15mg. phenobarbitone. The usual dose is 1 tablet four times a day.

Schedule IV Poison.

**P.A.T.A.**

\*Russek, H.I., et al.: J.A.M.A.  
153:207 (Sept. 19) 1953.



**WILLIAM R. WARNER & CO. LTD., Power Road, London W.4.**

*Just out—this attractive illustrated*

## SUNDRIES PRICE LIST

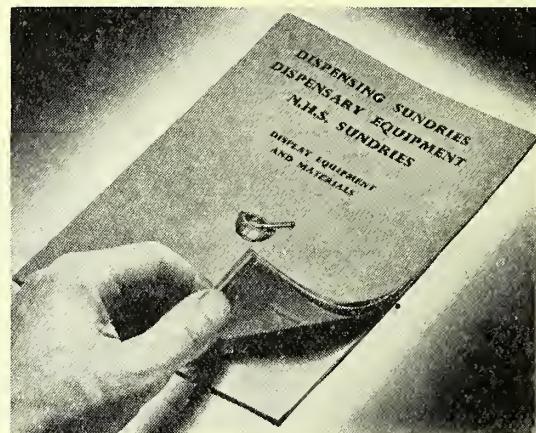
This attractive price list, with illustrations, gives full details of the lines in four sections of our business,

DISPENSING SUNDRIES

DISPENSARY EQUIPMENT

N.H.S. SUNDRIES

DISPLAY EQUIPMENT AND MATERIALS



*These lines are of the best quality, and competitive in price. A copy of the price list will be sent on request.*

MACDONALD & SON LTD · HOPE MILLS · POLLARD STREET · MANCHESTER 4

## IMPORTANT

Owing to the increased cost of materials it has become necessary to raise the retail price of Lifeguard, the supreme disinfectant, and Whiteguard Bleach.

*But the increase has been kept to the absolute minimum.*

## LIFEGUARD DISINFECTANT REGD.

from 9d to 10d (small size)

1/3d to 1/4d (medium size)

1/9d to 1/10d (large size)

## WHITEGUARD BLEACH

from 1/2d to 1/4d

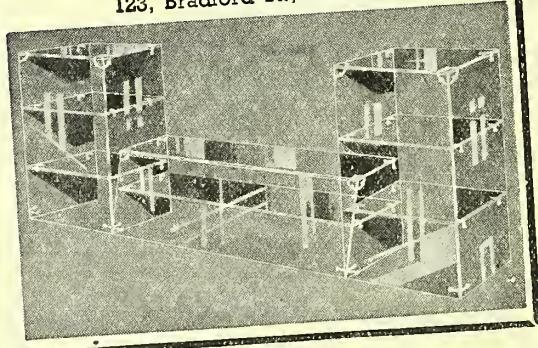
LIFEGUARD PRODUCTS LTD., LONDON, E.14

*From the catalogue of  
DISPLAYTHINGS*

## GUPWELL FRAMELESS GLASS CASES

Protecting the contents from unnecessary handling and at the same time exhibiting them in a most attractive manner for all to see. Upright Cases 24" x 16" x 12". Sloping front Unit 36" x 14½" high x 12". Other sizes to order. Supplied separately or complete as shown.

A. J. GUPWELL (Shopfitters) LTD.  
123, Bradford St., Birmingham, 12.



*Write for a  
Complete Catalogue*



**MIGRATION TIME** is 'Kepler' time! When birds flock south, it's none too soon to think in terms of winter trade. Many mothers have already started building up their families' resistance to infection with protective, palatable 'Kepler'—thousands more will follow their example in the treacherous months ahead. Prudent pharmacists will therefore not delay in reviewing stocks of this steady winter seller. Order now—and plan a " 'Kepler' corner" in your winter window display.

## 'KEPLER' COD LIVER OIL WITH MALT EXTRACT

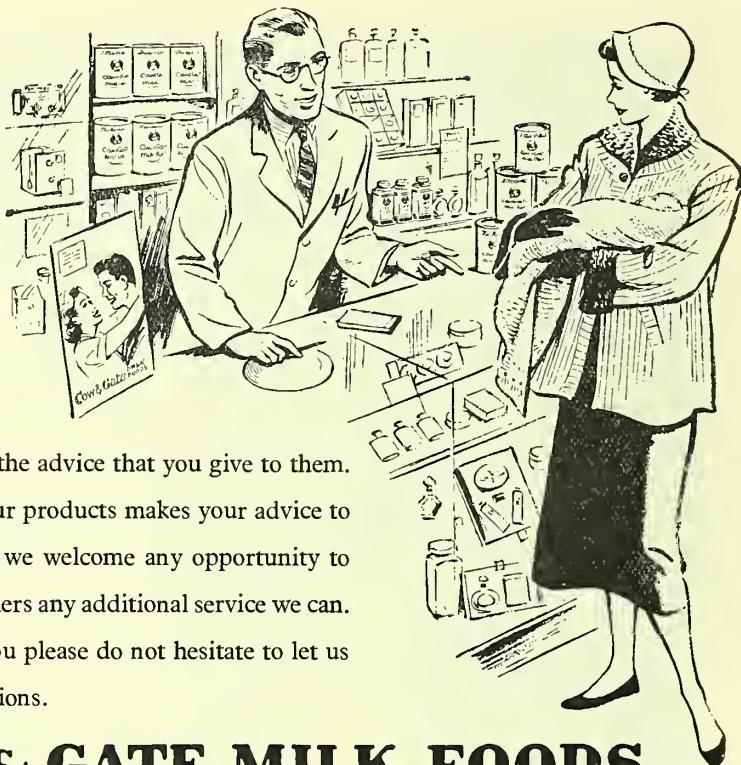
*Protects the bodies it builds*



BURROUGHS WELLCOME & CO. (THE WELLCOME FOUNDATION LTD.) LONDON

*We, too, value  
your advice*

You hold a unique place in the minds of your customers. To them you are often called upon to be guide, philosopher and friend, and they value and act upon the advice that you give to them. Your knowledge of, and confidence in, our products makes your advice to those you serve very valuable to us and we welcome any opportunity to co-operate with you in giving your customers any additional service we can. If we can improve upon our service to you please do not hesitate to let us know. We warmly welcome your suggestions.



## COW & GATE MILK FOODS

5188



Guildford

Surrey



MORE CUSTOM  
PER CUSTOMER  
THROUGH SELLING

*Gill's*  
**DANDRUFF  
REMOVER  
SHAMPOO**

GILL'S DANDRUFF REMOVER SHAMPOO proves its remarkable quality quickly and convincingly. Dandruff disappears at the first application and this pleasant, effective shampoo is equally suitable for both adults and children. Personal recommendation is rapidly sending up sales. Here is a shampoo with a record that promises an even bigger future. Now is the time to make sure of your share in it. From all wholesalers at 16/8d. per dozen to retail at 2/6d. per bottle.

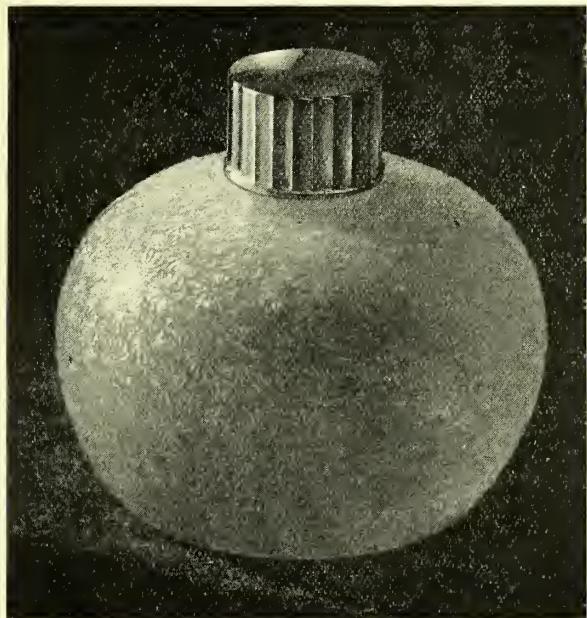
Made and distributed in 12 European countries.

● **FREE SAMPLE** If you've not yet tried Gill's Shampoo, the makers will gladly send a generous Free Sample together with descriptive literature on receipt of Trade Card.

BEAUTISALES LTD., 35 OLD BOND STREET, LONDON, W.1.

Eire Agents: Murra Ltd., 132 St. Stephen's Green, Dublin

Telephone: Hyde Park 2565-6



*Skylon*

## CHRISTMAS LINES



Only the genuine  
"SKYLON"  
bears this  
mark.

Look—the "SKYLON"  
FAIRY BALL Polythene bottle  
—the most attractive Line  
yet to be added to the  
"SKYLON" range—in four  
pastel shades with contrasting  
gilt caps it is the ideal  
Christmas gift which sells  
on sight.—THE LADIES JUST  
CAN'T RESIST IT!

Place your orders with  
your Wholesaler  
NOW.

ACORN 5073

**FIBRENYLE LTD.**  
157 DUKES ROAD • LONDON • W.3



# THE CHEMIST AND DRUGGIST

ESTABLISHED 1859

The weekly newspaper for pharmacy and all sections of the drug, pharmaceutical and fine chemical, cosmetic, and allied industries

*Official organ of the Pharmaceutical Society of Ireland  
and the Pharmaceutical Society of Northern Ireland*

Volume 162 November 13, 1954 No. 3899

## CONTENTS

Any Business Questions? ...	499
British Fine Chemicals ...	499
Correspondence ...	494
Croydon Branch Dinner (cartoon) ...	491
Developments in U.S.A. ...	488
In Keeping with a Cathedral ...	496
Leading Articles:—	
Rationalised Prescribing ...	493
Aloes from St. Vincent ...	493
New Books ...	497
New Products and Packs ...	489
Pharmaceutical Society of Great Britain: Council Meeting ...	498
Proprietary Association of America	488
Shopfitting Problem ...	500
Statutory Committee ...	487
Topical Reflections ...	483
Branch Meetings ...	490
Business Changes ...	486
Coming Events ...	504
Deaths ...	486
In Parliament ...	485
Irish News ...	484
Legal Reports ...	485
Local Dinners ...	490
Local Officers ...	492
Marriages ...	486
N.H.S. Estimates ...	484
New Companies ...	487
News of the Week ...	481
Overseas News ...	484
P.A.T.A. ...	504
Personalities ...	486
Price Changes ...	504
Print and Publicity ...	504
Scottish News ...	483
Trade Marks ...	503
Trade Notes ...	489
Trade Report ...	501
Wills ...	486
World Trade ...	503

INDEX TO ADVERTISERS, Pp. 5 & 6.

EDITORIAL AND PUBLISHING OFFICES

28 ESSEX STREET, STRAND, LONDON, W.C.2

Telephone: Central 6565

Telegrams: Chemicus, Estrand, London

Branch Offices:

BIRMINGHAM, 2: 111 New Street.

Phone: Midland 2921

GLASGOW: 24 Dixon Road, S.2. LEEDS, 16: 32 Wynford Rise,  
Phone: Pollack 4802 West Park. Phone: Leeds 78438

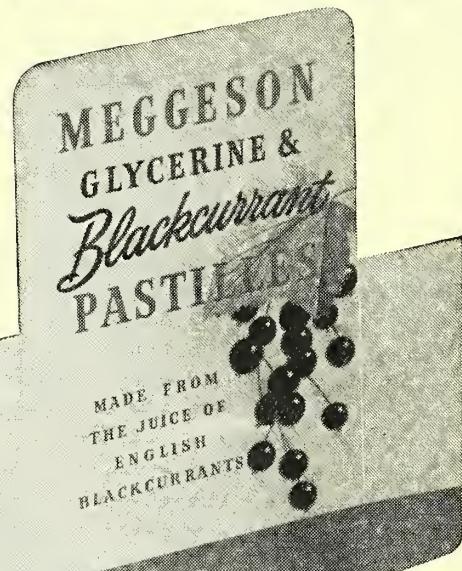
ANNUAL SUBSCRIPTION, which includes The Chemist and Druggist Diary and Year Book, £2. Single copies one shilling each.

THE NAME BEHIND THE CHEMIST

FOR OVER A CENTURY AND A HALF



# A FAVOURED PASTILLE



IN A  
DELIGHTFUL  
PRESENTATION

Now in free supply. Available for immediate delivery. Retail price 1/3.  
TRADE PRICE: 10/- PER DOZEN,  
EXEMPT FROM PURCHASE TAX.



Meggeson &amp; Co., Ltd., London, S.E.16.



# The CHEMIST AND DRUGGIST

Volume 162

NOVEMBER 13, 1954

No. 3899

## Tariffs and Trade

### BRITAIN'S PROPOSALS AT GENEVA

MR. PETER THORNEYCROFT (President of the Board of Trade) speaking at a meeting of the contracting parties to the General Agreement on Tariffs and Trade (G.A.T.T.) in Geneva on November 8, pointed out that expansion in world trade was threatened by all sorts of pressures for restrictions.

The scale could be easily tipped against G.A.T.T., he said, and the world plunged into a downward spiral of import restrictions and reduced trade. Among the proposals he made for prolonging the life of G.A.T.T. were:—

(1) That the G.A.T.T. provisions on export subsidies should be strengthened, so as to avoid the distortion of trade by artificial means.

(2) That fresh provisions should be made within G.A.T.T. to foster the development of Colonial territories in cases where an industry to be developed depends on export to the metropolitan country.

(3) That the scope of G.A.T.T. be extended, in particular by including possibly international commodities agreements.

(4) That G.A.T.T. and the International Monetary Fund should co-operate by the development of effective working relationships.

(5) Article 12 of the agreement [The use of quota restrictions for balance of payments reasons is permitted under this article] should be reinforced in two ways: all restrictions imposed under it should be subject to the approval of the contracting parties immediately afterwards, and the extension of such restrictions beyond one year should be subject to prior approval and in any event limited except for under-developed countries to a time limit of one extra year.

### VACUUM WARE An exhibition in London

FIRST exhibition being held at the headquarters of the Glass Manufacturers Federation, 19 Portland Place, London, W.1, since their official opening on May 24 (see *C. & D.*, May 29, p. 548) is a display of vacuum containers staged by the Vacuum Flask Manufacturers of Great Britain. The display is arranged entirely in the one exhibition room, and the containers are shown in groups under the headings flasks, jugs, jars, bowls and picnic sets. A representative selection of each type of vessel is displayed, prominence being given to the newer "television" sets and picnic sets. Of interest is a nest of four polystyrene containers which fits inside the vacuum jar and

keeps different types of food entirely separate. Manufacturers taking part are Acme Vacuum Flask Co., Ltd.; British Vacuum Flask Co., Ltd.; Isovac, Ltd.; Thermos (1925), Ltd.; and Vacco, Ltd. The exhibition is open until December 17, Mondays to Fridays, 9 a.m. till 5 p.m., admission free.

### B.P.C., 1954

#### Official from May 1, 1955?

THE Council of the Society is recommending to the authorities concerned that the British Pharmaceutical Codex 1954 should come into force on May 1, 1955. It is understood that that date is convenient for National Health Service purposes and for manufacturers and distributors. It is open to overseas authorities to fix such dates as are convenient to them.

### CITRUS INDUSTRY

#### Mission to visit West Indies

THE Government is sending a fact-finding mission to the West Indies immediately to examine the present organisation and future plans of the West Indian citrus industry. The examination will cover citrus and citrus products including citrus oils. On the mission's report the Government will decide whether any scheme of long-term assistance is necessary to safeguard the industry. After the United Kingdom began to issue licences for the import of certain oils from the United States (*C. & D.*, March 20, p. 302), the West Indian industry

stated that it was impossible for it to compete with the U.S. prices. It claimed that the industry, being dependent on the U.K. market, would run into serious difficulties unless it received help.

### RHEUMATISM RESEARCH

**Less work on adrenal hormones**  
A CHANGE in policy affecting research in rheumatism was announced by the Nuffield Foundation in a statement issued on November 8. The Foundation has during the past five years supported chemical and other work on adrenal hormones. With the gradual fading of the original hopes of cortisone and corticotrophin as panaceas for chronic rheumatic diseases, and the increasing realisation that those drugs are at best palliative in such disorders, the Foundation is reverting to its original policy of supporting fundamental and clinical research into the nature of those diseases.

### EPOXIDE RESINS

#### A London exhibition

AN opportunity to study the applications of the new epoxide resins is being provided by an exhibition entitled "Epikote Resins and Their Uses" staged by Shell Chemicals, Ltd., at the Criterion Hotel, Piccadilly, London, W.1, December 7-11. Admission is by invitation obtainable on application to Shell Chemicals, Ltd., Norman House, 105 Strand, London, W.C.2.

### SULPHURIC ACID

#### Production in third quarter

PRODUCTION of sulphuric acid in the United Kingdom during the quarter ended September 30, was 489,623 tons (calculated at 100 per cent.  $H_2SO_4$ ), which represented 82.5 per cent. of the total production capacity, in the same quarter of 1953 production was 452,333 tons or 78.1 per cent. of production capacity. Of the 488,492 tons sold during the quarter the drug and



**EDINBURGH GOLFERS:** Councillor D. M. Weatherstone admires Rainy-Brown medallion won by Mr. Hugh Semple (captain, Edinburgh Chemists' Golf Club) at the club annual dinner. The medallion, played for annually by Edinburgh and Glasgow, was won by Edinburgh in 1954. The group includes Messrs. R. F. Muir; J. E. Budze; H. Meekham and A. J. Walker. Report p. 490.

fine chemicals took 6,904 tons. The foregoing statistics are contained in the returns of the National Sulphuric Acid Association, Ltd., and do not include Government plants.

### RESEARCH GRANTS By Rockefeller Foundation

RESEARCH grants to a number of institutions in Great Britain have been announced by the Rockefeller Foundation. They include:—\$45,000 for a five-year period to the department of chemistry, Edinburgh University for continued research into the field of the natural high polymers; \$30,000 for a three-year period to the biophysical research unit at King's College, University of London; \$15,000 for a two-year period to the Royal Institution and its associated Davy Faraday research laboratory, towards research on the structure of proteins; and \$15,000 for a three-year period to Birmingham University for continued research on the chemistry of carbohydrates. The Foundation recently granted \$7,200 to the department of biological chemistry, Aberdeen University, for equipment to be used in biochemical research. Fellowships awarded by the Foundation in the third quarter of 1954 include:—

J. Baddiley, B.Sc., biochemistry (enzymes), Lister Institute, London; G. E. Fogg, Ph.D., biochemistry (photosynthesis), London University; J. F. Wilkinson, Ph.D., microbiology, Edinburgh University; and E. W. Yemm, Ph.D., biochemistry (microbiology), Bristol University. The place of study in each case is the United States.

### PRODUCTION CENSUSES Report and 1954 plans

THE Report of the Committee on the Censuses of Production and Distribution published as a White Paper on October 26 arrives at the conclusion that the censuses of production and distribution serve a useful purpose and should be continued. The Committee makes a number of specific recommendations designed to reduce the burden on the business community whilst improving the effectiveness of the censuses. One recommendation is that full censuses of production should be taken triennially for the present, but that the Board of Trade should review the position not later than 1960, to consider whether the interval between full censuses could be increased to five years. It is further recommended that, to reduce the number of firms required to make detailed returns in a full census of production, and to speed up the processing of the returns, the "exemption" level, below which firms are not required to make detailed returns, should be raised from 11 to 25 persons employed. That would provide relief to 18,000 of the 60,000 establishments now required to make detailed returns in a full census of production. In the intervening years between the full censuses of production, the Committee recommend the taking of sample surveys (for which only a small proportion of firms are required to make returns) to provide the information needed annually for

the Government's estimates of national income and expenditure, and that firms should be given advance notice if required to make a return in the sample survey. It is recommended that the census of distribution should be taken once every ten years and that in the interval sample surveys should be taken every third or fourth year.

A full census of production is being taken in 1955 in respect of the year 1954. An order prescribing the matters about which returns may be required has been made and operates from December 31. It is the Census of Production (1955) (Returns and Exempted Persons) Order, 1954 (S.I. 1954, No. 1412). Copies may be obtained (price 2d., by post, 3½d.) from H.M. Stationery Office, Kingsway, London, W.C.2, or through any bookseller. The census of production being taken in 1956 for the year 1955 will be a simplified census, taken on a sample basis similar to those for 1952 and 1953. In accordance with the recommendation of the committee on the censuses of production and distribution, firms will as far as possible be given advance notice if they will be required to make a return in that census.

### PHARMACISTS' UNION Discussions on Pharmacy Bill

AT a meeting of the council of the Registered Pharmacists' Union, held in London, on October 20, the Pharmacy Bill, 1954, was discussed. The council noted that neither physics, physiology, pharmacology nor dispensing were among the compulsory subjects, and that no mention was made of forensic pharmacy. Pharmacognosy was given its old title of material medica. Extreme dissatisfaction was expressed that the part of the 1908 Act allowed military dispensers to have their names registered without qualifying. It was also considered an insult to the Irish pharmaceutical chemist that both the military dispenser and the apothecary's assistant were given priority of mention before him. The council advised

all pharmacists to obtain a copy of the Bill and study it carefully. The SECRETARY read correspondence which had been received by the Union on the subject of the Linstead report on hospital pharmacy, and there was unanimous approval of the Union's claim that there should be an immediate increase of hospital remuneration to pharmacists.

### ROYAL SOCIETY Medals awarded

THE following awards have been made by the president and the council of the Royal Society. *The Copley Medal* to Sir Edmund Whittaker, F.R.S., for contributions to pure and applied mathematics and to theoretical physics; *The Rumford Medal* to Dr. C. R. Burch, F.R.S., for contributions to the technique for the production of high vacua and to the development of the reflecting microscope; *The Davy Medal* to Dr. J. W. Cook, F.R.S., for fundamental investigations in organic chemistry; *The Darwin Medal* to Dr. E. B. Ford, F.R.S., for contributions to the genetical theory of evolution by natural selection, particularly in natural populations.

### REFRESHER COURSE On business efficiency

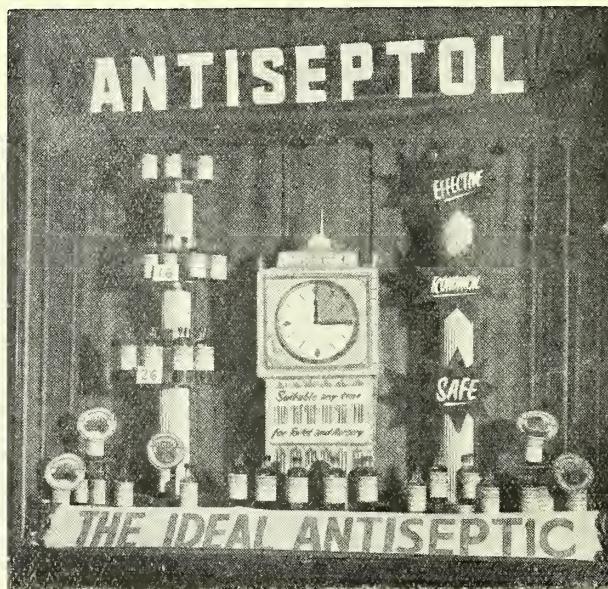
IT is proposed to hold a course of six lectures on "Business Efficiency for Pharmacists" at Ealing Technical College starting on January 4, 1955, at 7.30 p.m. The lecturer is Mr. H. W. Tomski, and applications should be made to Mr. R. C. Edwards, 265A Fulham Road, Chelsea, S.W.3.

### UNFAIR TO WALES ?

#### Executive Councils' allegations

CHARGES against the Ministry of Health that they treated Welsh Executive Councils less considerately than English were made at the annual meeting of the Association of Welsh Executive Councils at Llandudno recently. Circulars containing information regarding the service were sent to Executive Councils in England before they

were sent to Wales and often Welsh Councils were not given the opportunity of making any representations to the Ministry. A resolution was adopted asking for equal treatment.



C.F. DISPLAY: "Just a straight display" (not for a window-display competition) is how Mr. W. H. Harrison, M.P.S., describes the window of Antiseptol, a C.F. line manufactured by James Woolley, Sons & Co., Ltd., Manchester, put in by Longford Pharmacy, Ltd., Stretford, Manchester, and here shown.

## SINO-BRITISH TRADE

AMONG the companies represented in the first party of business men visiting Peking (see *C. & D.*, November 6, p. 457), are the following:—Arnhold Trading Co., Ltd.; Biddle, Sawyer & Co., Ltd.; Fuerst Bros., Ltd.; Glaxo Laboratories, Ltd.; Gordon Woodroffe & Co., Ltd.; M. W. Hardy & Co., Ltd.; Imperial Chemical Industries, Ltd.; J. H. Little & Co., Ltd., and T. & H. Smith, Ltd.

## D.D. AUTHORITY REMOVED

THE Home Secretary has withdrawn from Thomas Campbell, M.B., Ch.B., whose registered address is 27 Camperdown Avenue, Chester-le-Street, co. Durham, his authority to possess and supply Dangerous Drugs.

## SCOTTISH NEWS

### WHO SAID WHAT

IN a report of the annual conference of the Scottish Association of Executive Councils (*C. & D.*, October 16, p. 388), the last eighteen lines (from "When the problem") were wrongly attributed to Mr. H. R. Smith (secretary of the Department of Health for Scotland). They were, in fact, spoken by Mr. G. McIver. The comments of Xrayser (*C. & D.*, October 23, p. 411) are thus invalid.

## GLASGOW GRADUATES

THE following awards at Glasgow University were announced recently:—Degree of B.Sc. in Pharmacy, *Second Class Honours*, J. Paton; *Ordinary Degree*, J. G. Burns, M. A. Macleod, D. L. L. Robertson.

## NEWS IN BRIEF

MR. ARCHIBALD GRANT (a representative of Cockburn & Co., Ltd., Glasgow) was presented recently with a television set in recognition of fifty years' service without a single day's absence due to illness.

THE national savings group run by the staff of Bradley & Bliss, Ltd., Reading, were runners-up in the half-yearly competition run by the local committee and showed an increase in savings of 206 per cent.

THE annual court of governors of the Commercial Travellers' Benevolent Institution is being held in the Berners Hotel, Berners Street, London, W.1, on December 29, when all standing candidates will be recommended for election without ballot.

DR. WILLIAM SUTHERLAND MACDONALD has been appointed to the staff of the Ministry of Health as adviser on general medical practice, and is taking up his appointment early in 1955.

ABOUT 200 employees and friends attended the Genatosan social and athletic club annual ball held in Loughborough recently.

FIRE recently caused serious damage to both floors of the Cooltan research laboratories of Kathleen Court (England), Ltd., at Hampton, Middlesex.

## TOPICAL REFLECTIONS

By Xrayser

### Family Prescriptions

Dr. Harold Davis, in his address to physicians and pharmacists at Bournemouth (p. 466), expressed his disapproval of what he termed "the dangerous practice of prescribing medicine for two or more members of the same family on the same form." Most pharmacists must have been confronted with examples similar to that quoted by Dr. Davis. One that comes to mind called for a quantity of 1-gr. tablets of phenobarbitone, and a quantity of  $\frac{1}{2}$ -gr. tablets of the same drug. The 1-gr. tablets bore the laconic direction: "Four daily." The others read "One t.i.d." There was one name on the prescription, and the customer asked that they should be clearly marked so that he would know which were his and which were his wife's. Clairvoyance not having been in the Society's curriculum when I qualified, telephone inquiry was necessary to clarify matters. But while Dr. Davis realises the danger to patients, there is another aspect which it is necessary to stress, and pharmaceutical authorities should make the point with emphasis. The composite prescription leads to a lowering of public confidence in the pharmacist, who, after compounding two or more items and labelling with the name appearing on the prescription, is expected to sort out the items and apportion them to various members of the family. There is not always such an obvious difference as that cited by Dr. Davis. It cannot be too firmly stressed that such methods put the dispenser into an intolerable situation. That Dr. Davis is concerned is understandable, but there is surely a quicker method of notification than the addressing of combined meetings in the next few months.

### The Causes

I find that the problems raised at Bournemouth necessitate a further paragraph. Effects bear a relation to causes, and while it was clearly the duty of Dr. Davis to direct attention to the effects of this practice, it was probably not his business to analyse the causes. While deplored the facts, it is only fair to try to ascertain why doctors are resorting to something which they must know is not correct procedure. It is clear to pharmacists that the principal reason is economic. One of the essential ingredients in a doctor is understanding. He sees his patients in their homes. He is better placed than most to assess the financial position of the family. He knows that a family in ill-health and poor circumstances finds that one shilling per form can make serious inroads into a limited income. It is an unfortunate feature that it is only when illness strikes that the charge is payable, frequently at the very time that income is reduced to sickness benefit. Circumstances may yet compel the authorities to decide on other means of accomplishing their objective than the present shilling charge. Such a change would remove the temptation to write family prescriptions and thereby avert a potential danger, before some tragic example points the need.

### Advertising and Propaganda

One of the important functions of the Press, whether lay or pharmaceutical, is to advertise. The attractiveness produced by the clever use of photography is increasingly evident, and apart altogether from the goods advertised, the artistic layout is most striking. The personable young man who portrays the chemist is a pleasant change from the poorly-educated, almost illiterate character who finds his way into crime novels, and even on to the screen. I have never been able to understand why the chemist is so often made to cut a poor figure, but perhaps I am hypersensitive. It may be that the policeman, for his part, does not feel flattered by the picture he presents. Perhaps there is a place at Bloomsbury Square for an earnest young man, with a taste for crime fiction (hours 9 p.m. to 2 a.m.) who could devour the whole range of such literature, and, when necessary, make a personal call on the author who has transgressed, leaving a copy of the examination syllabus. The salary would need to be high, as the hazards would, one imagines, be great.

## IRISH NEWS

### ULSTER CHEMISTS' ASSOCIATION

AT the November meeting of the executive committee of the Ulster Chemists' Association, held in Belfast on November 2, Mr. G. H. Campbell (president) in the chair, Miss C. Abernethy was co-opted to the committee to fill the vacancy caused by the resignation of Miss L. M. Forrest. The following were elected to membership:—Messrs. J. A. Boylan, 32b Upper Malone Road, Belfast; H. A. Kyle, 350 Beersbridge Road, Belfast; W. J. Goudy, 95 Bloomfield Road, Belfast; J. G. Blair, 111 Moss Road, Lambeg; C. Gibson, 15 Market Street, Limavady (Branch); T. S. Hart, 75 Main Street, Newcastle; N. Anderson, 95 Granville Road, Portadown (Branch); T. Lee, 90 Market Street, Limavady. Applicants approved by the Associates' Committee were elected to associateship. The draft agenda, annual report and financial statement were approved for printing and final arrangements were made for the annual meeting on November 18. Complaints from members regarding trade matters were dealt with and the secretary was instructed to approach certain companies concerned. Other matters considered were rota services, show-window lighting after business hours, and Chemists Federation meetings.

Present at the meeting were:—

Miss C. E. Culbert, Messrs. J. C. Acheson, H. S. Anderson, J. A. Brown, H. W. Gamble, R. Gibson, T. A. Gibson, C. L. Gordon-Rattie, W. S. Hall, W. L. McDonnell, R. A. McEwen, W. R. McNabb, W. J. Moffett, M. C. Mooney, W. H. Mulholland, J. Paul, W. J. Rankin (treasurer), P. R. W. Shinner, A. Steede, A. Templeton, Miss A. E. Strachan (secretary).

Apologies for inability to attend were received from Messrs. W. H. Boyd, J. Caldwell, and J. McGregor.

### ST. JOSEPH'S SOCIETY

MEMBERSHIP of the pharmacy branch of St. Joseph's Young Priests' Society had been maintained, and subscriptions increased, it was stated at the fifteenth annual meeting of the branch held in Dublin recently. During the past year forty students were assisted to priesthood by the society. Since the 1953 annual meeting, the Rev. Senan Crowe, O.P., had been appointed chaplain to the branch, and the committee recorded its appreciation of his help. £123 in subscriptions had been received during the half-year ending June 30, and of that £115 was paid into the students' fund. Mr. REDMOND said that the financial position of the branch was sound, but in some districts even a minimum of sixpence a month was not collected from members, possibly because of weakness in organisation, and he appealed for more promoters. Mr. M. COSTELLO (president of the Pharmaceutical Society of Ireland) moved the adoption of the report and said that the pharmacy branch might be small in numbers, but what mattered was the effort they put into that great work. He hoped that the number of promoters would have doubled by next year. Mr. D. J. NUGENT, seconding, said that the

amount collected in subscriptions could very easily be doubled. The annual subscription of 6s. was very small in money values today, and everybody would be glad to increase that amount. He then thanked the promoters for their good work.

### ASSOCIATES' SECTION

AT the November meeting of the committee of the Associates' Section of the Ulster Chemists' Association, Mr. G. E. McIlhagger in the chair, the following applications for associateship were approved:—*Assistant*, Mrs. A. E. Ryde; *Apprentices*, Messrs. F. R. Trimble and D. J. Doyle. A report of a recent joint council meeting was read and the secretary was requested to write to the Minister of Home Affairs regarding the recent report of the Joint Selection Committee on Shop Acts (see *C. & D.*, October 16, p. 388). Resignations from the Section were received from Messrs. J. G. Blair and T. S. Hart. Final arrangements were made for the annual meeting, and the agenda, annual report and financial statement were considered. An invitation to be present at the annual meeting was extended to Messrs. H. G. Campbell and H. Boyd (president and vice-president, respectively, of the Ulster Chemists' Association).

### BENEVOLENT FUND DANCE

THE usual Benevolent Fund dance of the Pharmaceutical Society of Ireland is being held this year on December 7 at the Aberdeen Hall, Gresham Hotel, Dublin. Mr. Kevin Banks is again chairman of the dance committee. Subscriptions from those who cannot attend should be sent to the treasurers, Miss Cora Gaffney and Mr. C. Conefrey at 18 Shrewsbury Road, Ballsbridge, Dublin. Tickets, including supper, are £1 1s. each and tables can be booked at the Gresham Hotel on production of dance tickets.

### ULSTER CHEMISTS

AT the annual exhibition of the Royal Ulster Academy of Arts opened in Belfast on October 20, two portraits of interest are those by William Connor, O.B.E., R.U.A., of Mr. Fred Storey, M.P.S.N.I., and Captain J. W. Storey (both of Fred Storey, Ltd., Belfast). The portraits were presented to them recently in Dublin by the shareholders of Great Northern Railway Co. (I) in recognition of their services as chairman and secretary respectively of the Shareholders' Protection.

### LIMERICK BALL ARRANGED

A MEETING of the Limerick Chemists' Association, held recently in Limerick, arranged for a ball to be held on December 9. The committee was congratulated on the way in which the 1953 ball was run. The chairman said that the grant towards the Benevolent Fund was keenly appreciated by the Pharmaceutical Society of Ireland, and it was agreed to pass a further grant of £50 from the proceeds of the 1953 ball. The same committee was returned to office.

### LOCAL COMMITTEE

THE following officers of the Northern Ireland Local Pharmaceutical Committee were elected at a meeting in Belfast recently:—*Chairman*, Mr. W. H. Boyd; *Vice-chairman*, Mr. A. Templeton; *Treasurer*, Mr. W. J. Rankin; *Secretary*, Mr. W. Gorman; *Secretary*, Miss A. E. Strachan, 4 Waring Street, Belfast.

### GAELIC FOOTBALL

THE College of Pharmacy Gaelic football team playing in the Dublin senior championship at Croke Park on October 31 against the St. Vincent's club, which has won the championship five years in succession, scored two goals and one point against three goals, six points.

### OVERSEAS NEWS

#### INDIA

##### Half-ton of Opium Seized

SEVEN large packing cases containing half-a-ton of opium, valued at £22,500, were seized at Calcutta docks recently by the authorities.

#### WEST INDIES

##### Yellow Fever Outbreak

MASS inoculation of the population of Port of Spain, Trinidad, is being carried out following an outbreak of yellow fever on the island. 200,000 doses of vaccine, enough to deal with one-third of the population, were provided by the Pan-American Sanitary Bureau, an organisation functioning as a regional committee of the World Health Organisation. Supplies of DDT, provided on the island for use against the malarial mosquito, were diverted for use against the mosquito which communicates yellow fever.

### N.H.S. ESTIMATES

GALLOWAY.—Total estimate £217,000 compared with £218,224 for 1954-55.

INVERNESS-SHIRE.—Total estimate for 1954-55, £274,061; for 1955-56, £285,291.

SHROPSHIRE.—Total estimate £784,205, of which the pharmaceutical services are expected to account for £226,190.

GLASGOW.—Total estimate £3,519,922. Revised estimate for 1954-55, £3,525,739, about £93,000 less than the original estimate.

DEVON AND EXETER.—Total estimate £1,914,380, compared with £1,823,986 for 1953-54. Pharmaceutical services are expected to account for 31 per cent. of total expenditure.

MONTGOMERYSHIRE.—Total estimate £133,726, compared with an actual expenditure of £130,679 for 1953-54. Estimate for pharmaceutical services, £29,860, is £1,888 more than in 1953-54.

ABERDEEN AND KINCARDINE.—Revised estimate £495,552, an increase of £14,950 on the original estimate. The biggest increase, £8,000, is on the administrative account, mainly because of the acquisition of new office premises.

## IN PARLIAMENT

### BY A MEMBER OF THE PRESS GALLERY, HOUSE OF COMMONS

MR. J. R. BEVINS (Parliamentary Secretary, Ministry of Works), told MR. N. DODDS on November 2 that arrangements had been made with the Department of Scientific and Industrial Research in co-operation with local authorities to measure smoke and sulphur dioxide and to identify other pollutants in the London area during the coming winter. The investigation would not cover the possibilities of radioactive substances which might perhaps also be present in the atmosphere.

#### Embargo Damage to Exports

MR. A. R. LOW (Minister of State, Board of Trade) told MR. S. T. SWINGLER on November 2 that evidence was being examined which he had received from members of the Scientific Instrument Manufacturers' Association, to the effect that the embargo on certain standard types of scientific instruments was causing damage to the British export trade.

MR. W. W. HAMILTON asked the President of the Board of Trade on November 9 if he had completed his examination of the evidence that he had received from the Scientific Instrument Manufacturers' Association that types of equipment made in the United Kingdom, which could not be exported to China, were being made and copied in East Germany and elsewhere in countries under Soviet control and sent from those countries to China.

MR. LOW: The evidence was not from the Association and it referred to East Germany and not to China. The fact that the Soviet *bloc* could produce quite a number of strategic goods was no reason for supplying them with more.

MR. R. W. SORENSEN asked the President of the Board of Trade to what extent trade had increased as a result of the easing of the embargo on exports to China.

MR. LOW: There has been no general relaxation of the embargo on the export of strategic goods to China. Certain changes were, however, made last winter in the embargo list, particularly for certain drugs, and as a result, export licences have been issued for about £650,000 worth of goods previously controlled, mainly pharmaceuticals.

#### Food and Drugs Bill

In committee on the Food and Drugs Bill on November 3, SIR HUGH LINSTEAD moved an amendment to provide that if a sample was submitted to analysis when the office of the public analyst was vacant, it should be submitted to the public analyst for some other area, and that if that public analyst was not in a position to test the sample—because, it might be, he did not possess certain expensive apparatus necessary—it should be sent to some other public analyst. The purpose of the amendment, he said, was not to leave it to a decision of the sampling officer or of a clerk in the department to decide where the sample should be sent, but to leave it to the

public analyst for the area to decide. It was a question of the professional status of the public analyst, to which the Society of Public Analysts attached importance.

DR. CHARLES HILL, for the Government, agreed that the case had merit in it, and undertook to consider the point.

On that understanding, the amendment was withdrawn.

SIR HUGH LINSTEAD moved an amendment to substitute for the seven days within which a retailer must give notice that he proposed to rely on the defence of putting the responsibility back on the manufacturer, a period of time continuing up to three clear days before the date of the hearing. It might, said Sir Hugh, be thought that analysis was necessary before the retailer was in a position to determine whether or not he should accept the responsibility, and it seemed unfortunate that time should run against the retailer in that way. If the retailer had a longer time to decide whether or not to accept responsibility or pass it back, it might be said that the time of not later than three clear days before the date of the hearing might not give the manufacturer sufficient time to prepare his defence. That might be true in some cases but it would in those cases be open to the manufacturer to apply for an adjournment of the court and he had no doubt that in those circumstances an adjournment would be granted if it were applied for.

DR. HILL, for the Government, accepted the amendment.

#### Tariffs and Trade Revision Policy

MR. RUSSELL asked the President of the Board of Trade which individual industries, or representatives of industry, were consulted before a decision was reached on the policy to be adopted towards the revision of the General Agreement on Tariffs and Trade.

MR. PETER THORNEYCROFT (President of the Board of Trade) said in a written answer on November 4 that besides discussing particular aspects from time to time with particular industries, he had discussed the general lines of the policy with organisations representing trade, manufacturing industry, agriculture and the trade union movement.

#### Numbering of Houses and Shops

MR. DUNCAN SANDYS (Minister of Housing and Local Government) in a written reply to SIR T. MOORE on November 4, said that he would not consider introducing legislation to enforce the compulsory numbering of houses and shops in streets and roads.

#### Blood Donors

MR. IAIN MACLEOD (Minister of Health) told COLONEL SIR L. ROPNER in a written reply on November 4, that there were about 520,000 blood donors in England and Wales at the end of 1953, the latest date for which figures were available. An increase of about 25 per cent. was needed to meet the probable growth in consumption of blood and preparations of blood.

#### Lung Cancer from Cigarette Paper

MR. IAIN MACLEOD (Minister of Health) told MR. JOHN HALL in a written reply on November 4 that intensive attempts to detect carcinogens in cigarette tobacco and cigarette paper were so far inconclusive, but recent publications in Great Britain indicated the presence of substances with carcinogenic potentialities in the combustion products of cigarette paper. Further research had also indicated their presence in tobacco.

#### Pharmacy Bill

The Pharmacy Bill was read a second time in the House of Commons on November 5. SIR HUGH LINSTEAD expressed his gratitude to the Statute Law Committee, and particularly to Parliamentary Counsel, for having taken an almost incoherent patchwork of legislation and turned it into a very coherent and modern statute. He was quite certain that, in doing so, both the Committee and the draftsmen had earned the gratitude of the pharmaceutical profession.

#### Poliomyelitis

MISS P. HORNSBY-SMITH (Parliamentary Secretary, Ministry of Health), told MR. KENNETH THOMPSON on November 8 that the spread of poliomyelitis was usually by human contacts, and that spread by flies had not been proved, although they were sometimes contaminated with the virus. It was part of the normal work of local authorities to improve fly control by sanitary measures.

#### Welfare Foods

MR. HEATHCOAT AMORY (Minister of Food) told MR. K. ROBINSON in a written answer on November 8 that 2,299,950 tins of National dried milk and 2,917,500 bottles of orange juice were distributed to the public in the four weeks ended June 26 and 2,230,800 tins and 2,925,900 bottles in the comparable period in 1953.

## LEGAL REPORTS

### In Possession of Indian Hemp

AT Leeds recently a Nigerian, Michael Jackson, pleaded guilty to being in unauthorised possession of Indian hemp, and was sent to prison for nine months. Another Nigerian, Ahmed Usman, was sent to prison for six months on a similar charge. It was stated that police visited a house in Spencer Place, Leeds, on October 16. They found three small packages on Usman and twenty-two packages on Jackson.

### Forged Prescription Charges

AT Manchester recently, Dr. James McKenzie, Rochdale Road, Middleton, was accused of obtaining morphine with forged prescriptions. He was remanded for eight days in custody. A detective-sergeant from Manchester police Dangerous Drugs branch said he saw Dr. McKenzie and told him police were making inquiries about three National Health prescriptions for morphine, two signed apparently by a Dr. James Gourley and the other by Dr. J. A. McDonald. The stipendiary magistrate told McKenzie he would be kept under medical supervision.

## MARRIAGES

DUFFY — TIMONEY. — At St. Mary's Church, Haddington Road, Dublin, recently, Patrick Duffy, M.P.S.I., Waterville, co. Kerry, to Mary Timoney, 9 Herbert Park, Dublin.

MURRAY — FLOOD. — Recently, James Michael Murray, M.P.S.I., 13 Swords Road, Whitehall, Dublin, to Pauline Flood, Athy, co. Kildare.

ROBERTS — O'SULLIVAN. — At Limerick, recently, George Roberts, M.P.S.I., Newtown, Clarina, co. Limerick, to Maureen O'Sullivan, Kilworth, co. Cork.

SHEIL — HASLAM. — At the Pro-Cathedral, Dublin, recently, James Sheil, M.P.S.I., 1 St. Brigid's Road, Clondalkin, co. Dublin, to Catherine Haslam, Gurteen, Mountrath, Leix.

## DEATHS

ANDREWS.—At a nursing home in Sutton, Surrey, on November 3, Mr. Duncan Wright Andrews, M.P.S., 106 Oaks Avenue, Worcester Park, Surrey, aged sixty-two.

BEVERIDGE.—Recently, Mrs. C. E. Beveridge, wife of Mr. Charles Ernest Beveridge, M.P.S., 77 Hempstead Road, Gillingham, Kent.

CHAUFFOURIER.—On July 1, Mr. Victor Michael Dennis Chauffourier, M.P.S., 56 Montague Road, Hounslow, Middlesex. Mr. Chauffourier qualified in 1914.

FERRIER.—On November 2, Miss Margaret Ferrier, M.P.S., 43 Johnston Avenue, Dundee, aged fifty-three. Before qualifying in 1923, Miss Ferrier was a laboratory assistant in Dundee Technical College. For the past twenty years she had been manager of a pharmacy in Luton, Beds. She was taken ill while on holiday.

FROST.—On November 5, Mr. Alwyn James Frost, M.P.S., 37 Southmead Road, Henleaze, Bristol, aged fifty. Mr. Frost had been in business in Bristol for about twenty years. He was a prominent member of the Bristol Branch of the Pharmaceutical Society, and a Freemason. He is survived by his widow.

MARTIN.—On October 10, Mr. Percy Maurice Martin, 16 Foxon Close, Caterham, Surrey. Mr. Martin qualified as a chemist and druggist in 1901.

## PERSONALITIES

MR. GEORGE ROLPH recently retired for health reasons after thirty-three years' service as the representative of Ayrton, Saunders & Co., Ltd., in the North Liverpool area. Mr. Rolph joined the company fifty-six years ago.

MR. D. G. POUT, M.P.S., was recently presented with an engraved gold wrist-watch and a cheque by members of the Worcester Branch of the Pharmaceutical Society to express their appreciation of his services to pharmacy and his fellow-pharmacists. Mr. Pout, who moved to Worcester in 1913, was for thirty-nine years secretary of the

Worcestershire Local Pharmaceutical Committee. He is a member of the Regional Hospital Board and has served on Worcestershire Executive Council, Insurance Committee, Tuberculosis and Sanatorium Committee, South Worcestershire Hospital Management Committee and the West Midlands Pricing Committee. He is a past-president of the Worcestershire Branch of the Society.

MR. F. GOULDING, M.P.S., who has recently been appointed sales manager of Pfizer, Ltd., has been with the company since its inception in the United Kingdom, and has a wide experience in all branches of pharmacy. Prior to joining the company, Mr. Goulding was group pharmacist to the Lancaster and Kendal Hospital Management Committee.

MR. JOHN ROCHE, M.P.S.I., Harty Avenue, Walkinstown, Dublin, was the holder with his sister of a ticket which won £20,000 in the Irish sweepstake on the Cambridgeshire handicap race.

## BUSINESS CHANGES

MR. ARTHUR MORRIN, Ph.C.I., has opened a pharmacy at 135a Cork Street, Dublin.

MRS. HELEN MOLONY, M.P.S.I., has opened a pharmacy at Clonmellon, co. Westmeath.

MULTIPAX CHEMICALS, LTD., have removed to 142 Larkhall Lane, London, S.W.4 (telephone: Macaulay 8493).

A. B. CURTIS, manufacturing chemist, has removed to 11 Seacoal Lane, Ludgate Circus, London, E.C.4 (telephone: Central 8922).

MR. THOMAS O'HANLON has acquired the pharmaceutical business carried on by Mr. J. P. O'Neill, Guranebraher Road, Cork.

MR. DANIEL SLATTERY, Ph.C.I., has taken over the business formerly carried on by his father (the late Mr. Denis Slattery) at Castlepollard, co. Westmeath.

THOMAS SWALES (LEEDS), LTD., St. Stephens Road, Leeds, 9, are to work in association with T. H. Mitchell, Ltd., Bradford. Customers on the combined list of the two firms will receive calls from one traveller, representing the interests of both firms. All orders, correspondence and dispatches will be handled from the Leeds warehouse of Messrs. Swales.

JOSEPH BROOKS & CO., LTD., 42 Shudehill, Manchester, 4, are closing down their retail departments on November 27. The wholesale warehouses and offices are being transferred to the company's works premises at 17 Robert Street, Cheetham, Manchester, 3, and the move will be completed by

January 3, 1955. Orders for Dangerous Drugs will, from November 25 (by which time that department will have been transferred) be acceptable only at Robert Street. There is no break in the normal delivery services. Temporary arrangements are being made for the reception of calling customers at Shudehill until the waiting counter is ready at Robert Street.

## Appointments

PFIZER, LTD., Folkestone, Kent, have appointed Mr. F. Goulding, M.P.S., their sales manager.

MILTON ANTISEPTIC, LTD., 345 Gray's Inn Road, London, W.C.1, have appointed Mr. W. A. Robertson their sales manager.

AYRTON, SAUNDERS & CO., LTD., 34 Hanover Street, Liverpool, 1, have appointed Mr. William McMinn their representative in North Liverpool.

HARKER STAGG, LTD., Emmott Street, London, E.1, have appointed Mr. A. Barton their medical representative in the East London area and Mr. R. Steele in the Manchester/Liverpool area.

MATTHEWS & WILSON, LTD., 6 Cole Street, London, S.E.1, have appointed Mr. H. D. R. Matthews, M.P.S., their general manager. Mr. F. G. Jameson, F.P.S. (managing director) is leaving to take up another appointment.

BRITISH ALUMINIUM CO., LTD., St. James's Square, London, S.W.1, have appointed Mr. P. Ralph manager of their Scottish branch sales office in succession to Mr. M. J. J. Richards who has been appointed assistant manager of London branch sales office.

UPJOHN OF ENGLAND, LTD., 4 Aldford Street, London, W.1, have appointed Mr. James A. Braun their managing director in succession to Mr. W. H. DeCou who is returning to the international division of the parent company in the United States. Mr. A. Downie has been appointed domestic sales manager and Mr. K. H. R. Collard, export sales manager.

## WILLS

MR. D. E. CREALY, M.P.S., Netherside, Kirkstall Lane, Headingley, Leeds, left £1,938 (£1,723 net).

MR. J. EWbank, M.P.S., 2 Oxford Drive, Waterloo, Lancs, left £3,854 (£3,711 net).

MR. A. E. KELLY, M.P.S., 17 Orchardhead Road, Liberton, Edinburgh, left £9,505.

MR. W. GOURLAY, M.P.S., 35 Jane Street, Workington, Cumberland, left £23,036 (£18,877 net).

MR. R. S. LANE, M.P.S., 22 Beresford Road, Lonsight, Manchester, left £4,432 (£4,324 net).

MR. D. E. LEWIS, M.P.S., 9 The Parade, Whitchurch, Glam, left £3,367 (£3,327 net).

MR. E. T. OWEN, M.P.S., 12 Eswyn Road, London, S.W.17, left £2,330 (£2,276 net).

MR. R. RANSON, M.P.S., 30 Albert Road, Sutton, Surrey, left £2,022 (£2,199 net).

MR. W. W. SIMS, M.P.S., 57 Two Ball London, Newcastle-on-Tyne, left £12,683 (£11,970 net).

MR. D. A. STURTON, M.P.S., 40 Highworth Avenue, Cambridge, left £4,086 (£4,006 net).

MISS E. B. TAYLOR, 127 Mackie Road, Filton, Bristol, who qualified as a chemist and druggist in 1899, left £619.

## NEW COMPANIES

P.C. = Private Company; R.O. = Registered Office.

WEINREB & RANDALL, LTD. (P.C.)—Capital £100. To carry on the business of consulting and chemical engineers, etc. Directors: David G. Randall and Benjamin Weinreb. R.O.: 70 New Oxford Street, London, W.C.1.

J. W. RUMSEY & SON (CHEMISTS), LTD.—Directors: James C. H. Rumsey, M.P.S.; Cecil J. Andrews, M.P.S.; Harold E. W. Bailey; Minnie L. L. Sheldrick and Gladys E. Brown [corrected note].

HOUSE OF MARGERISON, LTD. (P.C.)—Capital £20,000. To carry on the business of manufacturers of soaps and washing materials, perfumes, etc. Directors: William D. Margerison, 88 Higher Road, Longridge, Preston, and William W. M. Margerison.

VERNON PARRY (CHEMISTS), LTD. (P.C.)—Capital £1,000. To carry on the business of chemists, druggists, etc. Directors: Thomas J. V. Parry, M.P.S., and Doris Parry. R.O.: 349 Buxton Road, Great Moor, Stockport, Cheshire.

ARTHUR WRIGHT & SON, LTD. (P.C.)—Capital £1,000. To acquire the business of a chemist and druggist now carried on by George S. Wright at 15 Church Street, Barnsley. Directors: G. S. Wright, M.P.S., and Kathleen M. Wright.

T. R. SPARROW, LTD. (P.C.)—Capital £2,000. To carry on the business of manufacturing and general chemists, etc. Directors: Tom E. Sparrow, M.P.S., Janet M. Sparrow and Joyce I. F. Atherton. R.O.: 26 High Street, Bridgnorth.

G. J. WATERWORTH, LTD. (P.C.)—Capital £200. To acquire the business of a chemist, druggist and wine merchant at 85 Clarence Street, York. Directors: Vanda J. Waterworth, Rita Waterworth, Maurice Cockayne and Stanley M. Royston.

F. W. TOWLE & SONS (DERBY), LTD. (P.C.)—Capital £3,000. To acquire the business of a pharmacist and optician now carried on by Frederick W. Towle, M.P.S., at 3 Beaufort Street, Derby. Directors: F. W. Towle and Cissie W. Towle.

NUNN & SHERRY, LTD. (P.C.)—Capital £4,000. To carry on the business of retail chemists and druggists, opticians, etc. Directors: Margaret J. Sherry and Robert Spence, M.P.S. R.O.: 57 Crouch Street, Colchester, Essex.

RUMSEY, CROWHURST & CO., LTD. (P.C.)—Capital £6,000. To carry on the business of chemists, druggists and herbalists. Directors: James C. H. Rumsey, F.P.S. (governing), Horace A. Crowhurst, M.P.S., Geoffrey V. Clarke and Dora M. E. Jackson. R.O.: 20 George Street, Croydon, Surrey.

E. DUNCAN DORING, LTD. (P.C.)—Capital £10,000. To acquire the business of glass bottle and general merchants carried on at 18 Charterhouse Square, London, E.C. Subscribers: Frederick C. Winter and Eileen M. Kilgallin. The first directors are not named.

B.W.D. DRUG CO., LTD. (P.C.)—Capital £2,000. Directors: Harold White, M.P.S., and Percy Donaldson. Solicitors: Langlois Harding & Co., 170 Bishopsgate, London, E.C.2.

J. EMLYN JONES, LTD. (P.C.)—Capital £6,000. To carry on the business of wholesale and retail chemists and druggists, opticians, etc. John Emlyn Jones, M.P.S., is the first director. R.O.: 13 Clydach Road, Blaenlydach, Rhondda, Glam.

C. H. SCARBOROUGH (CARTFORD), LTD. (P.C.)—Capital £100. To carry on the business of chemists and druggists, etc. Directors: Charles H. Scarborough, M.P.S., Alexander Seath, M.P.S., and James L. Walker. R.O.: 436 Streatham High Road, London, S.W.16.

J. W. SANDERSON, LTD. (P.C.)—Capital £10,000. To acquire the business of a chemist, druggist and optician carried on by Joseph W. Sanderson, M.P.S., at Mansfield and Mansfield Woodhouse. Directors: J. W. Sanderson and Alice S. Sanderson. R.O.: 53 Leeming Street, Mansfield, Notts.

## Company News

SOLPORT BROS., LTD.—Consequent upon the death of Mr. Albert Nixon (late chairman and managing director), the new board will be as follows:—Mr. Bernard A. Nixon (chairman); Messrs. A. B. Pilcher and S. J. Glaysher (joint managing directors); Mrs. C. W. Turner (director (buying)).

## STATUTORY

## Inquiry adjourned

THE Statutory Committee of the Pharmaceutical Society, which met in London on November 3, decided to adjourn for three months its inquiry into a complaint from which it appeared that a woman pharmacist was under the influence of drink or drugs while in charge of a pharmacy.

The Committee's SOLICITOR said that, on June 14, a police inspector and a police sergeant visited the shop where the pharmacist was employed as a locum and they formed the opinion that she was under the influence of drink or drugs, probably drugs. THE INSPECTOR, giving evidence, said that the pharmacist was unsteady on her feet, her hair was dishevelled, and she seemed to have difficulty in controlling her movements. Her speech was not that of a really drunken person and he did not notice anything about her breath. She had great difficulty in producing the key of the Dangerous Drugs cupboard. THE CHAIRMAN (Mr. D. A. Scott Cairns, Q.C.): Do you feel that you are competent to express an opinion whether a person is under the influence of drink or not? THE INSPECTOR: Competent on drink but not on drugs. In his opinion the pharmacist was not under the influence of drink.

Counsel for the pharmacist gave evidence that his client, who was a married woman with two children, had been suffering from mitral stenosis and on the day in question was under

GLAXO LABORATORIES, LTD.—Sir Maurice I. Hutton, C.M.G., will relinquish executive duties as a director of the company on December 31, and will resign from the board on June 30, 1955, in order to become managing director of the Anglo-Australian Corporation (Pty.), Ltd., Melbourne.

SHELL RESEARCH, LTD.—The company is being incorporated to take over the research assets and activities in the United Kingdom of the Royal Dutch/Shell Group of oil companies formerly handled by the Shell Petroleum Co., Ltd. The new company will therefore assume control of Thornton Research centre in Chester and Woodstock Agricultural Research Centre in Kent. Mr. H. Bloemgarten is chairman and Dr. C. G. Williams, a director and general manager.

ROBINSON & SONS, LTD.—The company is to establish a dressings division and a box division, each having its own board of directors. Mr. E. B. Robinson has been appointed managing director of the box division and Lieutenant-Col. C. P. Robinson, managing director of the dressings division. The directors of the box division are Messrs. Alec B. Robinson, G. W. Wallis, W. Wheatcroft, T. L. Baggott and David C. Robinson; and of the dressings division Messrs. H. Hubbuck, J. Wheatcroft, C. G. Gillibrand, P. F. Mansell and Robert B. Robinson. The board of Robinson & Sons, Ltd., remains unchanged except that Mr. N. E. Carline (secretary) has been appointed a director.

## COMMITTEE

## for three months

another serious disability. She admitted that she had taken a dose of chlorodyne. Cross-examined by the Committee's solicitor, the pharmacist admitted that she had taken chlorodyne on numerous occasions but said she was not taking it now. It had been prescribed for her about 1949. She told the chairman that she could not remember how much chlorodyne she had taken on the day in question. She had taken it only once since.

Giving the Committee's decision, the chairman said that the Committee concluded that the pharmacist was, on June 14, in such a condition, owing to drink or drugs, as to be incapable of properly conducting a pharmacy. There was no reason to doubt that the explanation of her condition on that day was the taking by her of a dose of chlorodyne. The Committee concluded that that amounted to misconduct that rendered her unfit to be on the register of pharmacists but if the pharmacist was willing, for the next three months, to submit herself to medical care and observation and for her doctor to make a report to the Committee upon her condition during those three months, the inquiry would be adjourned for that period. The question of whether her name should be removed from the register would be reconsidered at the end of that time in the light of the report. THE PHARMACIST agreed to that and to undertake no locum work in the meantime.

# PROPRIETARY ASSOCIATION OF AMERICA

## Its organisation described in past president's London address

MR. Charles S. Beardsley (chairman, Miles Laboratories, Inc.), addressed the Proprietary Association of Great Britain at their quarterly luncheon held in London recently. Mr. Beardsley, who is a past president of the Proprietary Association of America, said that the Proprietary Association of America had two classes of members—active and associate. The active membership was composed of manufacturers and distributors of proprietary articles. The associate membership included suppliers of materials used in manufacturing proprietary articles, advertising agencies and advertising media. To become a member of the Association, the following conditions must be fulfilled:

1. Applicant must be the manufacturer of a proprietary article used in home medication, and sold under a trade mark, trade name or other trade symbol, privately owned or registered in the U.S. Patent Office, and offered for sale to the public.

2. Labels must conform with the provisions of the Federal Food, Drug and Cosmetic Act.

3. The article must not be offered for use for any immoral or illegal purpose.

4. It must contain no narcotic.

5. It must not be offered for sale for any incurable disease.

6. It must only contain alcohol necessary to hold in solution.

In 1904 the Proprietary Association had endorsed the Food and Drug Bill that was then pending in Congress. Since that date the Association had continued to work for legislation that would afford the consumer the greatest amount of protection.

Another Act that was vital to the industry was the Federal Trade Commission Act, which controlled advertising in the United States. In 1938 the Act was amended so that the Federal Trade Commission now proceeded against any company that used what was called unfair advertising. The law now prohibited the "engaging in unfair methods of competition in commerce and unfair or deceptive acts or practices in commerce." It was no longer necessary to prove that a competitor had been injured.

Before the amendment of that Act the Association had adopted in 1934 its "code of advertising practices" and established an advisory committee on advertising.

### Difficulties of the Manufacturers

The speaker emphasised the difficulties that a company in the proprietary field in the U.S. encountered first in complying with Federal food and drug law and then with the laws of each of the forty-eight states. Some states attempted to pass laws to prevent the selling of any products for home medication unless sold by a registered pharmacist. No state had been fully successful in that.

At the present time most of the major companies in the Proprietary Association had established research laboratories.

Many of the larger companies in the U.S. had, in addition to their proprietary business, wholly owned subsidiary companies that did not sell to the general public, but sought to promote their entire business through the medical profession.

The Proprietary Association had within it a number of sections. The scientific section studied scientific and technical problems in the industry. Under it, members interested in phenolphthalein had established the Phenolphthalein Institute to study that drug. Similarly the Institute for the Study of Analgesic and Sedative Drugs had been formed. Extensive studies had been made on acetanilide, antipyrine, amidopyrin, phenacetin, aspirin, bromides, etc., and today the literature on those drugs was sound and stable, so that anyone could determine the exact status of a particular drug.

### Therapeutic Research

The Association was also responsible for organising the Therapeutic Research Foundation, which employed experts in various fields to study basic drugs to determine their value, and whether or not they might be dangerous when used as was generally directed. That organisation had concluded some valuable work and added many valuable papers to the literature. Among those was an analysis of the value of products containing various salts of mercury, and the possibility of those salts being absorbed through the skin in quantities sufficient to cause mercurial poisoning following the use of face creams. As a result, the industry and the Federal Food and Drug Administration, in conference, had agreed upon the percentage of the various types of mercury salts that should be included in face creams; and also, the statements that should be included in the labelling and advertising of those that were offered for sale over the counter.

The foreign trade section was composed of those members of the Association who were interested in export. The foreign trade section gathered information on rules, regulations and restrictions that affected export work. That information was made available to members through a bulletin service.

The national relations committee co-operated with members of the drug industry and others interested in consumer protection who desired to see uniform Federal and State legislation enacted.

In the United States the National Drug Trade Conference represented a cross-section of the entire drug industry. In fact, there were nine groups in all, representing the boards of pharmacy, colleges of pharmacy, retailers, wholesalers, and manufacturers of drugs. Problems that affected the entire industry were brought up for discussion, and the organisation was a forum, not a caucus. Perhaps the most worthwhile development originating

in the National Drug Trade Conference was the American Foundation for Pharmaceutical Education. Members of the proprietary industry had played an important part in its organisation and progress. Every segment of the drug industry was represented. It was organised during the early part of the 1939-45 war when the army and navy were conscripting all youths eligible for the armed forces. Pharmacy was not then recognised by Federal law as being essential. Since that time the law had been amended. The drug industry had kept the schools alive by collecting funds from the industry. Grants were made to the colleges and to undergraduates. Since the war higher education in pharmacy was now supported through fellows in the colleges of pharmacy. Through these fellowships, future instructors for pharmacy colleges were trained, as well as men who were qualified to hold responsible positions in the research and manufacturing departments of the various drug-producing companies.

There was no organisation in the United States similar to the Proprietary Articles Trade Association in Britain. Each state had its own fair trade law.

On account of the misunderstanding of those statutes on fair trade there had been organised in 1949 the Bureau of Education on Fair Trade, which had been supported by the entire drug industry. The function of the Bureau was to develop public understanding and support for the fair trade laws as instruments of public policy.

## DEVELOPMENTS IN THE UNITED STATES

ACCORDING to Dr. K. S. Markley (vegetable oil specialist of the Institute of Inter-American Affairs of the U.S. Department of Agriculture's Foreign Operations Administration) laboratory tests show that Paraguay's caranday palm (*Copernicia australis* Becc.) promises to challenge the dominating position now held by Brazil's carnauba palm leaf as a source of hard vegetable wax. The tests indicate that it is difficult to distinguish caranday wax from that made from carnauba palm leaves. Both have high melting points and about the same wax-water emulsifying properties. The caranday palm grows in abundance over several thousand square miles of the Paraguayan Chaco and in adjoining areas of Bolivia and Brazil.

### Chemical Growth Regulator

Dr. F. P. Cullinan (chief of the horticultural research branch of the U.S. Department of Agriculture's agricultural research service) has reported research on a chemical growth regulator, amono 1618. It is a quaternary ammonium compound whose use causes certain plants to become intensely green, and others to grow stems only half as long as normal.

## NEW PRODUCTS AND PACKS

**Giant Toilet Roll.**—Ellern Paper Co., Ltd., Ashford Road, Ashford, Middlesex, have introduced a giant (7-oz.) toilet roll in addition to their standard pack. Sample roll and price list are available, orders for 1 gross qualify for a display stand.

**Shaving "Revolution."**—Colgate-Palmolive, Ltd., 145 Charing Cross Road, London, W.C.2, have introduced



Palmolive Rapid-shave, a lather stored in a pressure container. Pressing a button releases the lather direct on to the beard. A single can caters for three months shaving.

**Chloramphenicol Suspension.**—Allen & Hanburys, Ltd., Bethnal Green, London, E.2, have introduced Alficetyl suspension, a pleasantly flavoured preparation of a new tasteless derivative of chloramphenicol, B.P.: chloramphenicol cinnamate. The suspension is understood to be readily acceptable, even to children and is supplied in 60-c.c. bottle. Each teaspoonful contains chloramphenicol cinnamate equivalent to 125 mgm. of chloramphenicol, B.P., together with 0.032 mgm. of atropine sulphate to eliminate gastric intolerance.



"POCKET EDITION" PACK: New small size of "Light and Bright" hair brightener, display container and give-away slotted application card (provided with each bottle), produced by the makers, Richard Hudnut, Ltd., Power Road, London, W.4.

### For Peptic Ulcer and Hyperacidity.

—Riker Laboratories, Ltd., Morley Street, Loughborough, Leics, are marketing two new products, Kolantyl and Merbentyl syrup. Kolantyl is for use in patients suffering from peptic ulcer and hyperacidity, and it includes treatment for the known factors of this disease, for which a medical means of therapy has been established. It contains an anticholinergic and smooth-muscle relaxant (Merbentyl); an antacid combination (magnesium oxide and aluminium hydroxide); a demulcent (methylcellulose); and an antipeptic (antilysozyme, sodium lauryl sulphate). It provides, in a mint-flavoured tablet, complete medicinal treatment for peptic ulcer when used in conjunction with diet and rest. Each tablet contains 5 mgm. Merbentyl, 400 mgm. aluminium hydroxide, 200 mgm. magnesium oxide, 25 mgm. sodium lauryl sulphate, and 100 mgm. methylcellulose. The syrup contains in each 5 c.c. (large teaspoonful), 10 mgm. of Merbentyl. Merbentyl syrup plus phenobarbitone is similar but contains in each 5 c.c. 15 mgm. of phenobarbitone also.



The pack of Spansule sustained-release drug presentations (see C. & D., October 30, p. 440) with (inset) one of the capsules.

**Suppository Compound.**—Imhausen Werke, G.m.b.H., Witten, Germany, have commenced manufacture of a new product, suppository compound 908, which they claim to be suitable for the manufacture of almost all types of sulphonamide suppositories. The representatives in this country are Chemicals Trading Co., Ltd., 102 Bishopsgate, London, E.C.2.

**With or Without Phenobarbitone.**—William R. Warner & Co., Ltd., Power Road, London, W.4, announce that Peritrate is now available with phenobarbitone. The speciality is convenient in the treatment of angina pectoris in anxious, tense and nervous patients. Peritrate with phenobarbitone tablets are supplied in bottles of fifty and 500 tablets each containing 10 mgm. Peritrate and 15 mgm. phenobarbitone.

**Rectified Tar Oil.**—Gale & Mount, Ltd., 37 Rothschild Road, London, W.4, are now introducing to the trade a rectified cypress-tar oil produced in an effort to provide an alternative to rectified birch-tar oil (now extremely expensive and at times hard to obtain). A sample recently tested by Simmons & Stern produced the following analysis: Specific gravity at 15° C., 0.8627; refractive index at 20° C., 1.4742; unsaponifiable matter, 61 per cent.; re-

action with potassium cyanide and ammonia, none; reaction with ferric chloride, none; reaction with aniline and hydrochloric acid, red colour produced.



Deoba deodorant and bath-perfume tablets (see C. & D., October 30, p. 440) are issued in the box of six tablets illustrated.

### TRADE NOTES

**Diagrams for Lectures.**—Help in preparing diagrams for lantern slides or text-books is offered by Miss Jean P. Waldron, 27 Kendrey Gardens, Twickenham.

**Veterinary Dextran in Saline.**—Glaxo Laboratories, Ltd., Greenford, Middlesex, introduced on November 8 a 540-c.c. bottle of veterinary Intradex (6 per cent. dextran in normal saline). The new size is additional to the 125-c.c. bottle previously available.

**Lacquer Spray.**—T. L. Benton & Co., Ltd., 186 Seven Sisters Road, London, N.7, are the manufacturers of Chandau Lacquer in spray container which they describe as "a top seller... a top profit maker." The product may be ordered through wholesalers or direct.

**Bonus Offer.**—John Wyeth & Brother, Ltd., Clifton House, Euston Road, London, N.W.1, point out that the bonus offer of 14 to the doz. Endrine nasal compound terminates on November 30. It applies to minimum orders of two doz. 1-oz. size, any variety, in return for window or counter display for fourteen consecutive days.

**Features Women Chose.**—The recently introduced Blue Star Sanitary towel is described by the makers, Southalls (Birmingham), Ltd., Chalford Mills, Saltley, Birmingham, as "The perfect santowel," combining all the essential features demanded by women themselves. It is chafeproof, completely protective and entirely comfortable in use.



**BRUSH WITH MERMAID:** Miss Glynis Johns, starring as Miranda (a mermaid) in the film "Mad About Men," which has just had its London premiere, receives from the sales manager of Hughes Brushes, Ltd., Slough, Bucks, a Miranda presentation dressing-table set (see C. & D., October 23, p. 416).

## BRANCH AND ASSOCIATION MEETINGS

### BRADFORD

#### Student Receives Prize

THE best pharmaceutical student of the 1953-54 session at Bradford Technical College (Mr. Douglas Swift) was presented recently, by MR. D. K. WAITE (president, Bradford Branch of the Pharmaceutical Society) with a prize of textbooks. MR. H. RICHARDSON (principal of the College), said the pharmaceutical department was probably the best in the country.

### ROMFORD

#### Address on Cancer Research

SOME aspects of the chemotherapy of malignant growth were discussed by DR. W. DAVIS (Chester Beatty Research Institute) at a meeting of the Romford Branch of the Pharmaceutical Society held at Gidea Park on October 25. Dr. Davis spoke of the many lines of approach which had been followed up and emphasised the vigour of the research, particularly in Great Britain and the United States. He detailed the intricate pattern of research at the biological-testing and clinical-trial stages of each drug. Numerous questions were asked, and a vote of thanks to the speaker was proposed by Mr. Moore.

### SOUTHAMPTON

#### Pharmaceutical Antiques

A TALK on collecting pharmaceutical antiques, given by MISS AGNES LOTHIAN, F.P.S. (librarian to the Pharmaceutical Society) at a meeting of the Southampton Branch of the Society recently, was illustrated by slides covering a wide range of interest, from pages and details from early herbals and similar works to illustrations of drug jars and apparatus. Miss Lothian gave a detailed explanation of the English delft jars from the Society's collection, showing the development of the shape and decoration. There were many slides of different types of mortars and Italian drug jars were discussed and the slides showed several examples of Albarelli with differing styles of labelling and decoration. Miss Lothian answered questions from members and examined some specimens brought for her inspection, including several mortars, some dated, and one initialled; and two drug jars.

### WEST LONDON

#### Cause and Effects of Fog

THE first meeting of the 1954-55 session of the Western (London) Pharmacists Association, held on October 13, was addressed by DR. J. A. SCOTT (chief medical officer of health, London County Council) on "The Fight Against Fog." Describing the tragic effects of the great fog of 1952, Dr. Scott passed around the audience graphs showing the increase in deaths during the four days December 5-8. Over 1,500 extra deaths occurred in London and over 4,000 extra in Greater London. The old and very young were the hardest hit and causes of death were usually bronchitis, pulmonary tuberculosis and diseases of the heart. It was probable that sulphur particles instead of being arrested in the bronchia,

passed down to the lungs where their toxic effects were similar to those of hydrocyanic acid. There would have been a public outcry had such a death roll been caused by unclean food or water, and the public should be prepared to pay for the cost of clean air. The cure was to be found in the use of smokeless fuel which should be made more abundant, and in the cleansing of effluent smoke from power stations.

### PORTSMOUTH

#### Representatives Report Back

CRITICISMS of the Branch Representatives meeting held at Oxford in September (see *C. & D.*, September 25, p. 328) were voiced by representatives of the Branch at a meeting of the Portsmouth Branch of the Pharmaceutical Society at Southsea on October 19. MR. R. E. CLARKE felt that more time could, with advantage, have been spent on Mr. Hudson's paper on the retail practice of pharmacy. MR. A. J. C. BULL reported that the agenda papers for the meeting were late in being sent out, so

## LOCAL DINNERS AND DANCES

### CROYDON

#### An Opportunity for the Pharmacist

BECAUSE of the prodigious rate at which pharmaceutics was advancing, general practitioners were being left behind in the knowledge of the drugs they used. So said Mr. J. C. Hanbury (chairman of Allen & Hanburys, Ltd.) at the annual dinner of the Croydon Pharmacists' Association on October 28. That was an opportunity, he added, for the pharmacist to make himself a vitally important link in the chain of the National Health Service. Mr. Hanbury said he believed that a higher standard of education was needed in the pharmaceutical world if members of the profession were to play a greater part in present-day life. A cartoon of the dinner appears on p. 491. In the chair was Mr. R. Swindells (president of the Association). Mr. D. J. Williams was toastmaster.

### DARTFORD

#### Tribute to Pharmaceutical Society

PROPOSING the toast of the Pharmaceutical Society at the annual dinner of the Dartford Branch of the Society on October 21, DR. M. J. LINDSEY (chairman, Dartford division, British Medical Association) paid tribute to the magnificent work and democratic spirit of the Society and the excellent co-operation of its members with the medical profession. MR. J. F. MCNEAL (a member of the Society's Council), replying to the toast, said that the rapid advances in medicine and allied sciences during the past fifty years necessitated an education and training for the future pharmacist extending over not less than five years. The toast "The Medical Profession" was proposed by MR. J. SIMPSON, who said that, during his twenty-seven years as a retail pharmacist, he had always received the most courteous assistance from local doctors. Dartford was well served by a first-class general practitioner and hospital service. Replying,

that sufficient time had not been available for Branch discussion. MR. J. C. BLOOMFIELD agreed with the comments and said that he had ventilated those points in the appropriate quarter. MR. N. FRANCIS said that he was pleased to see that the science sessions were of more interest to the average pharmacist than in recent years, and that younger men and women were now reading papers.

Coloured slides of Birdsgrove House were then introduced and explained by Mr. Bloomfield, and an appeal was launched by the chairman (Mr. L. J. Chamberlain) to raise funds to furnish a bedroom at the house.

### BOURNEMOUTH

#### Franco-British Congress Invited

THE committee of the Bournemouth Pharmaceutical Association decided at a recent meeting to invite the Franco-British Pharmaceutical Congress to meet in Bournemouth in 1957, and also to invite the British Pharmaceutical Conference to visit the town as soon as possible. The Conference last met in Bournemouth in 1936.

## LOCAL DINNERS AND DANCES

DR. W. G. D. MURRAY (secretary, Dartford division, British Medical Association), said that much could be achieved by joint meetings between local branches of the Society and the Association. The toast of "The Ladies and Visitors" was proposed by Mr. H. Fenton.

### EDINBURGH

#### Tribute to a Veteran

AT the annual dinner of the Edinburgh Chemists' Golf Club, held recently, with Mr. Hugh Semple (captain) presiding, MR. A. J. WALKER (president of the Lothians Golfing Association), proposing the toast of the club, congratulated members on joining his Association. He paid special tribute to Mr. James Finlay, one of the founder members of the club, who in competition at Mortonhall returned a card of 68. Mr. Finlay is seventy-six, and Mr. Walker said that the score had been claimed to be a world record for a man of his age. Picture, p. 481.

### HULL

#### International Pharmacy

THIRTY-EIGHT countries were now members of the International Pharmaceutical Federation, said MR. E. A. Brocklehurst (president of the Pharmaceutical Society), at the Hull Chemists' Association's annual dinner and dance on November 4. He said that a great deal to promote friendship with other countries had been done by the Society through that organisation, and a recent Federation conference in Rome was attended by representatives from Russia and other Eastern European countries. About 250 members and friends attended the dinner, and MR. G. W. Hind (president of the Association) was in the chair. Among those present were Messrs. E. Clark (chairman, Hull and East Riding section of the British Dental Association), and Emlyn Jones (principal, Hull Technical College).

# C & D Cartoonist at **CROYDON**

BRANCH & CROYDON PHARMACISTS' ASSOCIATION  
ANNUAL DINNER-DANCE

OCT  
27  
1954

THE PRESIDENT  
OF CROYDON ASSOCIATION  
R. "BOB"  
SWINDELLS

FOUNDER OF  
SOUTH LONDON & SURREY  
GOLFING ASSOCIATION

JOHN C.  
HANBURY

PROPOSED THE  
TOAST—  
"CROYDON  
PHARMACISTS ASSOC.  
AND CROYDON  
BRANCH"

MISS A. McCARTHY  
VICE PRESIDENT  
AND SECRETARY OF  
CROYDON ASSOCIATION.  
INTERESTS:  
PHARMACY + MUSIC

LATER  
"ASSISTED"  
THE  
CONJUROR

G. BELLAS SIMPSON  
VICE CHAIRMAN OF BRANCH  
CHAIRMAN SOCIAL COMMITTEE

RECORD  
RAFFLE  
FOR  
BENEVOLENT  
FUND

W. ROBERTS  
CHAIRMAN WEST-KENT BRANCH  
CHIEF INSPECTOR PHARM. SOC.  
REPLIED FOR THE GUESTS

"D.J."  
WILLIAMS  
"TOASTMASTER"  
BY TRADITION

TREASURER  
OF  
ASSOCIATION  
+ BRANCH  
FOUNDER-MEMBER  
BORN  
18...?  
STILL  
GOING  
STRONG

"THE GUESTS"  
J. B. SPARROW  
THANKED 30 MANUFACTURERS  
FOR RAFFLE GIFTS + MONEY,  
POPULAR PURLEY PERSONALITY

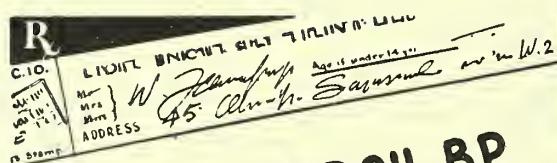
H. R. "RUE" GILBY  
SOCIAL SECRETARY  
SEEN STUDYING "THE PLANS"

"A BIRD  
IN THE HAND"  
CHAIRMAN OF  
CROYDON BRANCH  
W. A. BILLINGS

"THE  
ATOMIC"  
M.C.  
JIVE +  
SCOTTISH  
DANCE EXPERT  
ALEC SEATH  
BRANCH SECRETARY  
6'3"!  
(DIDN'T WEAR THE  
KILT—BUT ARTISTS  
MUST HAVE A  
LITTLE LICENCE!

CONTINUED

SON  
HUI



**ZINC + CASTOR OIL B.P.**  
1953

Mitte 3½ WF JAR FITTED SEPIA  
DOUBLE SHELL SCREW CAP  
Mod. op. MANUFACTURED FROM HIGH  
GRADE MATERIAL HOMOGENISED  
TO MICROSCOPIC FINENESS  
YOUR OWN NAME + ADDRESS  
AT PRICES QUOTED

Sig

## Counter Packs at dispensing prices

Quantity Discount Prices.					
Zinc and Castor Oil Cream B.P. 1953.					
Free from P.T. List	3 doz.	6 doz.	12 doz.	24 doz.	60 doz.
1 oz. Jars	6/-	—	5/9	5/6	5/3
2 oz. Jars	9/-	—	8/9	8/6	8/3
4 oz. Jars	14/3	—	13/9	13/3	12/9

TERMS Less 2½% 14 days.  
FREE delivered van area. Outside  
carriage extra at cost.

**SAMPLE SENT ON REQUEST.**

**Operation of Quantity Discount Prices.** The prices shown under the various quantity headings can be taken for that product in any combination of sizes.  
Terms: less 2½% 14 days. Free delivery VAN area.

**SKUSE & CO. LTD.**

**Manufacturing Chemists**

839/841 Harrow Road, London, N.W.10 'Phone: LABBROKE 2201-2-3 'Grams: SKUDENT, HARLES

### "NORVEX" PRODUCTS

SPONGE BAGS · BABY PANTS  
COT SHEETS · TOILET BAGS  
FACE CLOTHS · Etc.

EXTENSIVE RANGE OF DESIGNS AVAILABLE  
AT COMPETITIVE PRICES

WHOLESALE AND RETAIL ENQUIRIES INVITED

Write for Samples to:

**CROSSKILLS** of NORWICH

### MANUFACTURERS AND EXPORTERS

GARLIC OIL	● HENBANE LEAVES
ONION POWDER	● SENNA LEAVES
GARLIC POWDER	● SENNA PODS

THE DEHYDRATION COMPANY OF EGYPT S.A.E.  
P.O. Box 1860 CAIRO, EGYPT

**QUEEN**

Non Allergic

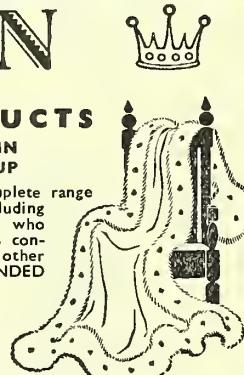
### BEAUTY PRODUCTS

THE SAFETY FACTOR IN  
EVERY DAY MAKE-UP

Queen beauty products form a complete range of toilet and beauty preparations, including lipsticks, specially for those women who have sensitive skins. Queen products contain no orris in any form, nor any other skin irritants AND ARE RECOMMENDED BY THE MEDICAL PROFESSION.

Obtainable from your Wholesaler  
or direct from ...

**BOUTALLS CHEMISTS LTD.**  
60 Lambs Conduit St., London, W.C.1



**Culmok**  
SHAVING BRUSHES

### SURGICAL

BELTS, TRUSSES, HOSIERY,  
Stock sizes or made-to-measure by specialists.  
TRADE ONLY

J.H. HAYWOOD LTD. WARSER GATE, NOTTINGHAM.  
PHONE: 46691, 45164, 47659. GRAMS: "APPLIANCE."

### LOCAL OFFICERS

#### PHARMACEUTICAL SOCIETY

Stafford Branch.—Chairman, Mr. H. Eymer;  
Treasurer, Mr. B. Wells; Secretary, Mr. John  
Black, 3 Walden Avenue, Stafford.



# The CHEMIST AND DRUGGIST

For Retailer, Wholesaler and Manufacturer

ESTABLISHED 1859

Published weekly at

28 Essex Street, Strand, London, W.C.2

TELEPHONE CENTRAL 6565

TELEGRAMS: "CHEMUS ESTRAND, LONDON"

## Rationalised Prescribing

IN addresses recently, Dr. H. Davis (chief pharmacist, Ministry of Health) has touched on a subject of some importance: what might be termed the rationalisation of prescribing. Dr. Davis expressly disclaimed, as one would expect, any intention of teaching doctors how or what to prescribe. Possibly pharmacists engaged in the National Health Service might be pardoned for hoping that a mentor might appear within the medical profession to give his colleagues hints upon one or two small points on which they are apt to go astray, and certainly that medical students, whose instruction in prescription writing is today necessarily limited, might be steered clear of the worst pitfalls.

However that may be, it would seem legitimate in the meantime for chemists to consider some of the points made by Dr. Davis, so that they may be primed if a local prescriber should seek enlightenment on what the contractors' attitude is to the issues involved. Contractors can claim to have a real, if rather negative, interest in prudent prescribing because, although they are, with certain exceptions, called upon to supply everything the doctors order, any extravagance or lack of proportion on EC10 prescriptions is liable to cause a shout against the high costs of the pharmaceutical service. When that happens, the implication is that it is pharmacists who are the cause of the cost, and the public come to think that chemists are being paid too much. Unfortunately, also, the Treasury is apt to think that the remedy is to reduce contractors' remuneration. We should all guard against any inclination to show resentment on that score, for to do so would lead professional advantage to be confused with abstract justice. The touchstone must always be the public welfare.

Let us examine Dr. Davis's remarks in the light of those precepts. He pointed out that there are eighty-seven branded varieties of single-vitamin tablets. Was there any point in insisting on the branded tablet? Provided the eighty-seven tablets are all described in terms of official titles and no special claims are made for them by the manufacturers, then we may admit that the prescriber may fairly be asked to consider specifying the standard preparation (or at least one at the same price as the standard). The request should not be extended to apply to those proprietary preparations for which the manufacturer claims a difference from the standard preparation, and from which the prescriber gets—or believes he gets—superior results. There the principle of the prescriber's freedom must be paramount, and his decision influenced, not by an

easy-to-remember proprietary name that embodies a hint of the drug's pharmacology, but exclusively by the welfare of the patient.

Next, the apparent economy of prescribing for more than one person on the same prescription must be avoided. Why? Because the dangers of use by the wrong patient, or in the wrong way, may involve the cost of lives as well as drugs. That is so plain as to seem self-evident, and Dr. Davis's promise to bring it to the notice of audiences of doctors will be recognised by pharmacists as a slight contribution to sane and safe prescribing. Its emphasis is rightly on the patient's welfare. On that subject it is permissible to generalise, but in others generalities should be regarded with suspicion. That applies to costs of proprietaries. Recent talk centring on certain proprietaries which (taking into account the lower dispensing fees on proprietaries) cost less to the Exchequer than comparable formulary preparations, may engender—has engendered—the erroneous idea that it is usually cheaper to prescribe proprietaries generally. That is not so. Dr. Davis knew of no proprietary which, divorced from dispensing fees, was less expensive than the corresponding formulary product. It would be far better for the prescriber, here again, to think only in terms of the therapeutic merits of the medicament, and not to prescribe either proprietary or non-proprietary merely because it is cheaper. Has not the Ministry been persuading him to put cheapness first?

One other factor in the rationalising of prescriptions has only an indirect bearing, if any, on cost, but could go a great way to promote the efficiency of the Service and the patient's maximum faith in it. If prescription ingredients were all written legibly and in correct legal form, and with the patient's name and doctor's signature perfectly plain and clear, there would be no loss of time in deciphering the prescription, and no loss of confidence in the chemist's ability to give what the doctor ordered.

Thought and discussion along those lines, rather than criticism of individual prescriptions, will improve professional relations. It will bring about the economies it is in the public interest—and not solely to the Treasury's kudos—to effect.

## Aloes from St. Vincent

RECENTLY consideration has been given to the possibility of establishing an aloes industry in the Grenadines, the small islands that lie between St. Vincent and Grenada in the British West Indies. The plants are of the Curaçao type and grow abundantly while the juice can be easily extracted from the leaves. The yield per acre has been estimated at 150 lb. gum, which can yield 35 lb. aloin. A sample of juice prepared by concentrating aloe juice three times was forwarded to the Colonial Products Laboratory in London for examination.

According to Feuell & Jarvis (*Colonial Plant and Animal Products*, 1954, IV, 168), it showed that the solid aloes obtained from the juice conformed to the requirements of the British Pharmacopoeia, 1953, and had a satisfactory aloin content. They remark that, to be acceptable commercially, the juice would require further concentration, such that it would solidify on cooling and after pouring into cases. An additional source of aloes would certainly be welcomed by the London market at the present moment.

# CORRESPONDENCE

Letters when received must bear the name and address of the sender, not necessarily for publication. The Editor does not hold himself responsible for the views expressed.

## UNACCOUNTABLE

SIR,—I can vouch for the following prescription handed to me for dispensing today:—

R Chloral Hydras gr. i.  
Syrup simp. 3 ss.  
Aqua Anethaine ad 3 i.  
Mitte 3 viii.

SOUTHAMPTON

W. G. HUTCHESON

## COUPON TRADING

SIR,—I fail to see why a chemist should refuse to accept coupons which are distributed freely in his neighbourhood to encourage the public to buy chemists' goods. He should not pay for the goods for a month—many don't! Then he will pay less for the goods than otherwise. To say he has to lend his hard-earned money to the advertisers is bosh! Be up to date—encourage manufacturers to advertise. The best way is to sell at reduced prices, by giving away free samples.

LONDON, S.E.14

A. E. SOUTHERNWOOD

## LOCUMS IN MANCHESTER

SIR,—May I draw the attention of all pharmacists in the Manchester area to the problem of obtaining a locum for emergency duty, in cases of sudden illness, operation, etc. There must be many pharmacists in the area who would be willing to act in such cases, although they do not wish to do regular locum duty. May I appeal to any pharmacists able and willing to undertake such duties to send me their name and address. Please co-operate in this most urgent matter.

777 STOCKPORT ROAD,  
LEVENSHULME,  
MANCHESTER, 19

A. E. THORPE, Secretary,  
MANCHESTER PHARMACEUTICAL  
COMMITTEE

## 3XVIII ARSENIC DAILY

SIR,—Having informed the patient, a titled person, that his skin condition was a very healthy sign and that he would "be attending his doctor's funeral," a Harley Street specialist gave the patient, *inter alia*, the following prescription:—

R Liq. Arsenicalis 3i—drop bottle.  
Sig. m 3 in water t.d.s. p.c. Each week increase dose by a drop up to 3vi t.d.s. p.c.

By the time the patient reaches 3vi t.d.s. p.c. will he be immune to the toxicity of arsenic?

TUNBRIDGE WELLS MILLER & CO. (TUNBRIDGE WELLS), LTD.  
W. PARKER

## VETERINARY CHANNELS

SIR,—I do not wish to prolong the correspondence on this subject but I think that I should reply to your correspondent Mr. A. E. Moss's allegation that my statement that "Hibitane intramammary cream is for the treatment of certain special types of mastitis" is at variance with the literature published by this company. I feel sure that if your readers were to read our leaflet as a whole, rather than certain extracts removed from their context, they would agree that my statement was consistent with it. It is obviously not practicable for you to print in full the leaflet which we issued describing this product and which is marked "Issued to the veterinary profession only." If, however, any of your readers would like to confirm my statement I should be very willing to send them a copy of the leaflet for their information.

IMPERIAL CHEMICAL (PHARMACEUTICALS), LTD.  
WILMSLOW  
T. W. M. BLAND, Secretary

## DANGERS TO THE PROFESSION

SIR,—May one who is not a retail pharmacist but has nevertheless read the *C. & D.* with pleasure and profit for at least forty years ask Mr. Anderton of Preston how he views the prospect of dictating machines becoming a standard feature of a chemist's stock-in-trade? I believe the American drug store carries a very varied range of

goods for sale, and that the thin end of the wedge has been noticed here, but it would seem to the outsider that therein may lie greater dangers to the profession than are now appreciated. Unless my memory is at fault, I think a search through your own earlier issues would trace a reply from one of your predecessors in the editorial chair to a correspondent who inquired how he could provide the authentic "atmosphere" for the chemist shop he had just acquired, and which briefly and to the point advised the stocking and display of some drugs and similar commodities.

LONDON, W.C.2

ERIC N. DAVIS

## TRAINING ASSISTANTS

SIR,—For some time I have realised that something should be done to train counter assistants in pharmacy. The manager is now mainly concerned with dispensing, and the sales side is much neglected. It is essential that the young lady who accepts and passes out the prescriptions should also have some knowledge of invalid diets, insulin, aperients, sedatives, as well as cosmetics and photography—as most private pharmacies are small and the business mixed. The companies realise this problem and do a tremendous amount to train their staffs. The matter was discussed at a local National Pharmaceutical Union meeting, and it was decided that it would not be practicable to run local classes. I feel that the *C. & D.* would be filling an urgent need if they could print an assistants' page. This would be in the centre of each issue if this were possible, so that it could be torn out and given to the staff for study. All aspects of retail business could be discussed without great detail, and if successful, the articles could be reprinted in booklet form.

E. C. BURROW

## COLOURED TABLETS

SIR,—In his letter about coloured tablets your correspondent Mr. I. Anderton has overlooked the real reason for the colouring and coating of tablets. In my young days the patient consulted his physician. From him he reverently received a prescription which he brought into us, the pharmacists, for dispensing. The resulting medicament was solemnly handed out to him carefully wrapped in mystery and white paper. Nowadays the relationship is different. The patient goes to his doctor and tells him what he requires. The doctor then writes out a chit (EC10) for it and the patient brings it to the chemist. The chemist then duly hands out the medicine, often unwrapped in paper, but very rarely enveloped in any mystery. Now, Sir, how is the patient going to be able to check that his tablets are what he asked for unless they can be easily identified? As our dispensing departments are not, as yet, run on cafeteria lines the patient cannot check the stock-bottle label. He must therefore rely upon colourings, coatings and markings upon the tablets.

REALIST

## BETWS-Y-COEDUCATION

SIR,—I admit everything, Mr. Rhys Williams! I did not know the modern spelling of Betws-y-Coed omits the second "T." Most of the guide books I have turned up use two, perhaps under the influence of the Sunday licensing laws in your country. For my spelling *wen-ol* Mr. Hughes is not responsible. It was my own attempt at phonetic spelling (George Borrow rendered it *wennol*). It was not my intention to place Gelert's tomb precisely in Betws-y-Coed by making it "local." I think it is that, by comparison with Napoleon's. For the rest, my topography was admittedly kaleidoscopic, the jumbled impressions resulting from a single coach tour, and I claim artistic licence for leaving them that way. At all events I may have indirectly saved my Council friends from being expected now to have a complete knowledge of Welsh problems. Next time I visit Llanrwst I shall certainly be most happy to have Mr. Williams as guide along the narrow and—did he say?—straight paths of the Conway Valley and neighbourhood. Grand country it is.

JOHN SAXON

## DRUG STORAGE IN HOSPITALS

SIR.—With reference to the Hospital Forum article on the Dangerous Drugs Regulations and the Pharmacy Acts (C. & D., October 30, p. 447), may I point out that, according to the Poisons Rules, 1952, Paragraph 29 (4),

"All places in which poisons are required by this Rule to be stored must be inspected at regular intervals of time not exceeding three months by a Pharmacist or by some other person appointed for the purpose by the Governing body or person in control of the institution." (Institution meaning any hospital at which human or animal ailments are treated.)

Under this rule any medical officer, or administrative officials such as matrons, deputy matrons, chief male nurses or their deputies may inspect poison cupboards as part of their routine duties. All that is necessary for such a procedure is that the "person in control" of the hospital shall issue such an order. The people mentioned are responsible to the Hospital Management Committee for all matters within the wards—and the poison cupboards are within the wards. Some twelve months ago I went into this matter with the Pharmaceutical Society, on the ground that people other than myself were giving orders concerning the control of poisons within the wards, I received very kind consideration from the Society, but the Acts have to be accepted as they stand unless a test case is fought in the courts of law. A further point relates to mental hospitals. In those hospitals the medical superintendent is the chief executive officer, and by virtue of that position is the controller of all medical matters. Are the control of Dangerous Drugs and other First Schedule poisons within his purview? There is the possibility that, even though the pharmacist is the person nominated by the Regulations as being responsible for control of Dangerous Drugs within the hospital, the executive powers of a medical superintendent cannot be divorced from that situation. A further point arises with regard to any hospitals, similar to my own, where the chief pharmacist does not order in the official hospital order books. At this hospital we have a chief pharmacist sending a requisition for Dangerous Drugs to a supplies officer, who must, by virtue of a decision of the H.M.C., attach to it an official hospital order form bearing his signature before the requisition may be despatched to a supplier. Who, therefore, orders the Dangerous Drugs—the chief pharmacist or the supplies officer?

A ward sister has no right whatever to store heroin in her desk unless she observes Para. 29 (3) of the Poisons Rules, which states

"In every institution *every* substance included in the First Schedule to these rules which is stored in the wards *must* be stored in the cupboard reserved solely for the storage of poisons and poisonous substances" [my own italics].

Should the ward sister store only Dangerous Drugs within the drawer, and she herself be entirely responsible for carrying the key, then it is possible that she is quite correct in her action. The second part of the quoted sentence is worded most inadequately, as it is possible to store all First Schedule poisons alongside the vile-smelling disinfectants, liniments, lotions, etc.

The chief pharmacist who has a legal agreement on these matters with his H.M.C. is the only person who is covered by the D.D. Regulations and the Poisons Rules. In the event of such an agreement the entire legal responsibility for the control of First Schedule poisons and the enforcement of the requirements of the Regulations for proper and adequate storage within the wards rests between the H.M.C. and the chief pharmacist. Chief pharmacists not covered by such an agreement have no legal cover. H.M.C.'s are appointed by the Regional Hospital Boards, which are in turn appointed by the Minister of Health. The H.M.C. is appointed "for the day-to-day running of the hospital" and all legal matters such as those referred to are entirely between the H.M.C. and the chief pharmacist. In the event of recourse to the R.H.B. or the Ministry of Health, or both, the matters will be referred back to local level. That happened to me at my own hospital in what I interpreted as unwarranted interference in my system of poison control and poison-cupboard inspection. The H.M.C. has really in practice what must be referred to as "totalitarian" powers on certain aspects of hospital administration. The Pharmaceutical Society has no *statutory* power in these matters, and can only advise the various bodies concerned. It is, of course, optional whether the advice is accepted.

All mental hospitals within the National Health Service have annual visits by representatives of the Ministry. These people have the right to inspect any part of the hospital, including ward poison cupboards and pharmaceutical departments. Adverse comments may be made by the visitors upon matters connected with the duties of the chief pharmacist, who has no possibility of stating a case as he does not receive any information until a much later date, when the report has been accepted by the H.M.C. The pharmacist may then have an opportunity of stating a case, but it is obvious that decisions are made without recourse to the responsible person. That idea is a continuation of the old Board of Lunacy control, as that body is now a subsidiary of the Ministry of Health. Incidentally, the visitors have themselves no statutory powers with regard to the pharmacist or the poison-control system which the pharmacist operates, but recommendations are usually accepted by the management committees. Three points emerge. First, the general hospital pharmacist is not bothered with these irritating matters. Secondly, the visitors have not the slightest connection with practical pharmacy. Thirdly, this is a situation in which the advent of the Society into the realm of hospital pharmacy would be advisable and welcome. The Forum article introduces the possibility of a team of officials plus the pharmacist. We must remember the "plus," because it would mean a continuation of the pharmacist's "Cinderella" status in the Service.

The only solution would be (a) that the pharmacist should have a legal agreement to the effect that he is the only person with access to his stocks of all First Schedule poisons; (b) that the pharmacist and ward sisters (or charge nurses) should be the only people with access to ward stocks of all First Schedule poisons unless the pharmacist, on account of some misdemeanour relating to ward stocks, should think it advisable to call in assistance; and (c) no person other than the pharmacist should have access to the pharmaceutical department and the First Schedule poisons stored therein. That situation could be covered by ensuring that adequate stocks are maintained in the wards, out-patients' department, and theatre.

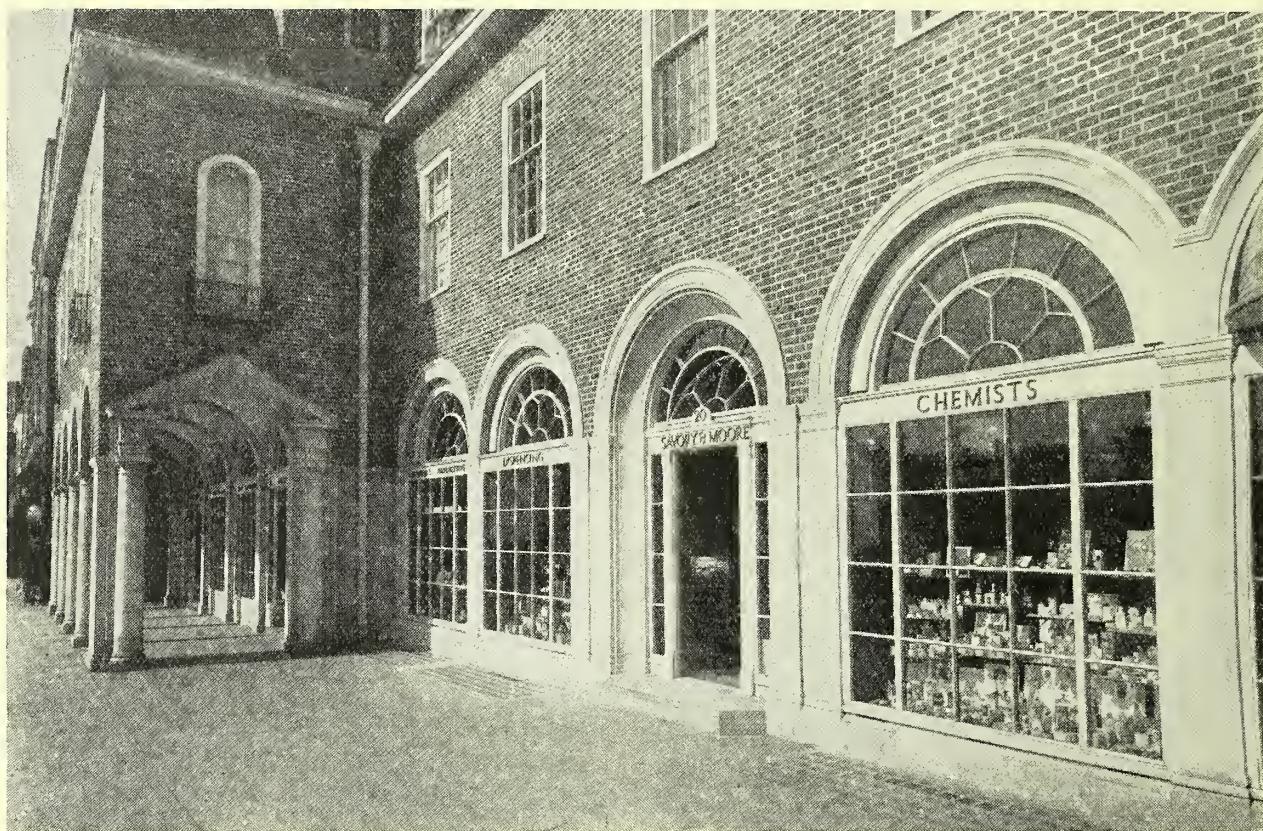
## CHIEF BOTTLE WASHER

## FAIR CRACK OF THE (IRISH) WHIP

SIR.—In the C. & D. of October 23 you report the president of the Pharmaceutical Society of Ireland as saying, at the seventy-ninth annual meeting of the Society, that "the opening of the College of Pharmacy would be recalled with pleasure by those who were present, and in his opinion the occasion was more than an important date—it was a revelation to non-pharmacists of the high standards that pharmacists had set themselves, and a reminder that the chemist must study hard and expensively to enable him to discharge his professional responsibilities to the public." The pharmaceutical student in Eire today certainly has to study hard and expensively to qualify, and when he receives the "magic letters," he is often a long time in procuring a position. When he does, the reward for all his labours and qualification is quite inadequate to keep body and soul alive, and to give him even a faint glimmer of hope for the future. It is only common sense to realise that not all pharmacists can possibly open up establishments for themselves, and although at the moment the Council of the Society may be trying to improve the lot of the "men with the shops," it seemingly has not occurred to it to look after the interests of the pharmacists who have to work for a living as employees. I know that there is some move afoot to have pharmacists installed everywhere that there is a dispensary, but if that ever comes to pass the positions will probably be filled by pharmacists who have retail establishments of their own, just as at present. I think it most unfair that pharmacists should hold two sources of income while many of their professional brethren haven't even one. There are many pharmacists in the country today working for the minimum trade union rate for unqualified and having to like it. If a pharmacist opens a shop to discharge his professional responsibilities to the public, it is his duty to remain there to do so, and not leave his wife or counter hand to carry on, while he is out most of the day compounding in a hospital. The Society should put a full-time inspector on the road to see that everyone is getting a fair crack of the whip.

RATHGAR, DUBLIN

B. R. BAILEY, M.P.S.



## IN KEEPING WITH A CATHEDRAL

### Architectural features of a rebuilt pharmacy at Canterbury

**D**EMOLISHED by enemy action in a "Baedeker" raid on Canterbury in 1942, the pharmacy of Savory & Moore, Ltd., 20 Burgate, has been rebuilt on a new site and in a graceful early Georgian style in harmony with the dignity of the Cathedral in whose shadow it stands.

The pharmacy occupies a central position on the line of the old wall that contained the Cathedral precincts. Its elegant frontage and gracious interior make it a more-than-worthy successor to the company's original premises at 41 St. George's Street, acquired from E. Bing & Son in 1930.

All the shops in the row were designed by Mr. J. B. Denman (a past-president of the Royal Institute of British



The original pharmacy of E. Bing & Son in St. George's Street, demolished during an air-raid in 1942.

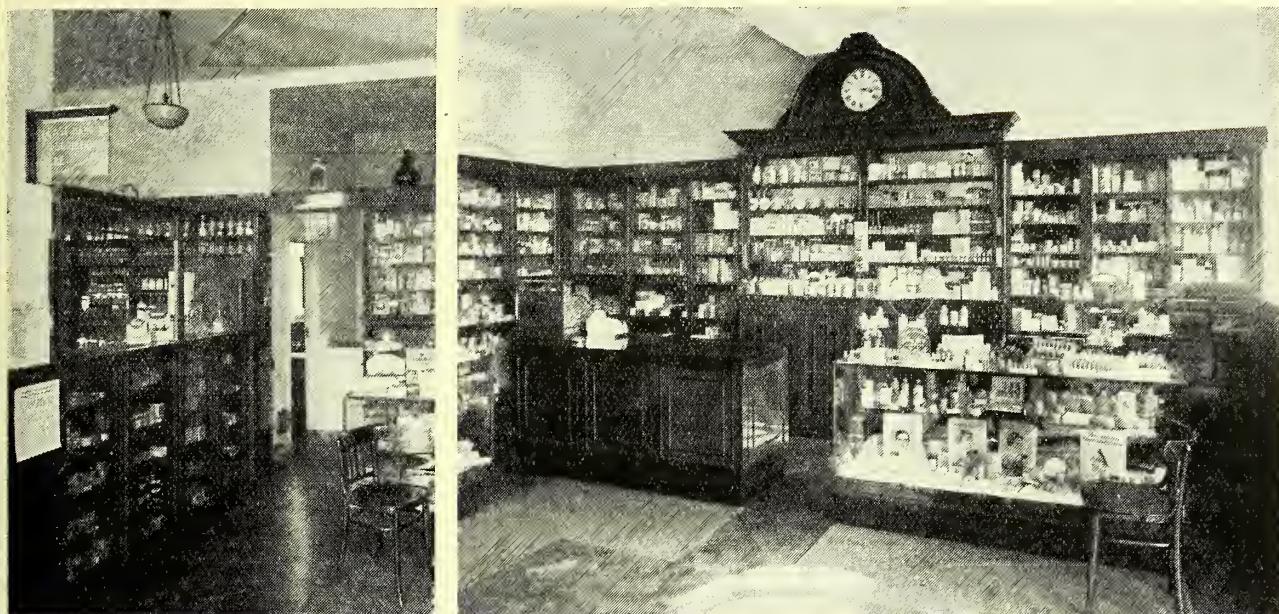


LOOKING OUT ON BURGATE: A view of the interior of the shop, showing the open-backed windows and a corner of the dispensary.

Architects). They are built of two-inch bricks and Portland stone.

#### Fixtures and fittings

Internally, the shop has been fitted out in mahogany and plate-glass. Most of the fittings are new, but one mahogany wall-fixture, incorporating a clock, is a period piece brought from the former Oxford Street, London, pharmacy of Squire & Sons, Ltd. In the well-equipped dispensary are attractive globe-stoppered shop-rounds also from Squires. The windows, equipped with a new system of spot-lighting, are open at the back, giving the shop the full benefit of the light from the tall windows and fanlights



Left, Another corner of the dispensary, showing the prescription hatch and the doorway into the manager's office. Right, Main view on entering the shop.

above, as well as facilitating sales from the window. Parquet flooring emphasises the elegant style of the premises.

In a spacious basement are shelf-fixtures and cupboards brought from the company's St. George's Street warehouse, which was not demolished during the bombing. The back entrance to the shop, opening on to a small private road beside the cathedral wall, commands an unusual view of the cathedral precincts. The manager, Mr. Maurice H. Roots,

M.P.S., has worked in the business since 1914. He moved with it from St. George's Street to Sun Street, where it was housed in temporary premises after the bombing, and thence to Burgate. Less long, but hardly less remarkable, is the record of the shop messenger and "general factotum," Mr. Evers, who was sixty when he joined the company and still, at the age of eighty-six, delivers all medicines and does the general store-keeping for the business.

## NEW BOOKS

### Chemical Manufacturers' Directory

Newnham, Cowell & Gripper, Ltd., 15 City Road, London, E.C.1. 8 x 5½ in. Pp. 189. 8s.

THE 1954 edition follows the same pattern as in recent years. The first half of the directory is devoted to an index of chemicals, drugs, etc., with the names of their manufacturers. Another list shows which chemicals the manufacturers are interested in. Scottish and a selection of Irish manufacturers are listed separately.

### Index of Modern Remedies

W. MAIR. *The Scottish Chemist*, 240 Albert Drive, Pollokshields, Glasgow, S.1. 9½ x 7 in. Pp. 88. Seventh series. 7s. 6d.

THIS new edition of a useful reference book has much the same make-up as previous issues but now lists about 3,000 ethical products in pharmacological order, reflecting the growth in the number of such preparations on the market. Several new sections have been added to the book. A quick-reference chart shows at a glance the composition of various proprietary multi-vitamin and combined vitamin and mineral preparations. There is also a brief outline of the British Pharmacopoeia, 1953, showing the main changes between it and the previous edition.

### Calendar of the Pharmaceutical Society of Great Britain, 1954-55

Pharmaceutical Press, 17 Bloomsbury Square, London, W.C.1. 8½ x 5½ in. Pp. 306. 12s. 6d. (postage 10d.).

THE inclusion of the text of the Supplemental Charter granted to the Pharmaceutical Society on December 31, 1953, and of its attendant new by-laws, and the modification of the sections dealing with the administration of the Society to incorporate the changes in its constitution brought about by the granting of the Charter and approval of the by-laws and the coming into operation (on the same date) of the Pharmacy Act, 1953, represent the essential

changes in this year's edition of the Society's *Calendar*. Those changes account for six extra pages, other modifications being of a minor character and mostly arising out of the new Charter and by-laws, such as the omission from the examination regulations of the title "Chemist and Druggist Qualifying Examination." In classification system and general layout the *Calendar* is identical with its immediate predecessors.

### Materia Medica Vegetabilis, Part I

E. F. STEINMETZ. Copies from the author, Keizersgracht 714, Amsterdam. 13½ x 8½ in. Pp. 245. £5 12s. 6d. for complete work.

IN facsimile typewriter printing, the book is part one of a work which is to be completed in three volumes by December. The author, an Amsterdam herbalist, states in the preface that he was influenced to write the book as a result of "the increasing interest which the medical profession is again taking in drugs from the vegetable kingdom." The book is intended to convey a practical knowledge of the use of botanical drugs (including essential oils) in therapy, in pharmacy and in veterinary practice. Each monograph is given in Latin together with the botanical source and natural order. The medicinal properties are translated into four languages—English, Dutch, German and French. A fair proportion of the drugs mentioned have been obsolete in medicine for many years so far as the United Kingdom is concerned, and for that reason the book is of greater importance to the herbalist than the pharmacist. Nevertheless, every pharmacist is confronted with the occasional inquiry for out-of-the-way drugs and there are now few, if any, books dealing with them. The use of the skull and crossbones sign against poisonous drugs is unusual but commendable in a polyglot book of this nature. Arranged alphabetically, the first part ends with ipecacuanha root. Part II, presumably, completes the monographs, since Part III is intended to be an index to the entire work.

## PHARMACEUTICAL SOCIETY OF GREAT BRITAIN

## CALL FOR HOSPITAL PHARMACY IMPROVEMENTS

It was announced at a meeting of the Council of the Pharmaceutical Society, held in London on November 2 and 3, the president (Mr. E. A. Brocklehurst) in the chair, that the Public Services Committee had completed its study of the published summary of the Linstead Report on Hospital Pharmaceutical Services (see *C. & D.*, July 17, p. 57). It had decided to ask the co-ordinating committee of the Society and the Guild of Public Pharmacists to consider the steps to be taken to secure implementation of the proposals the two bodies submitted to the subcommittee of the Standing Pharmaceutical Advisory Committee (the Society's proposals were given in the *C. & D.*, April 19, 1952, p. 556). It was thought that while the publication of the full report of the subcommittee continued to be desirable, the main objective was to press for the improvements in the hospital service advocated by the two bodies.

The Public Services Committee also reported that it had made arrangements for a memorandum to be prepared for the Society's consideration, issuing general advice on the storage and handling of poisons in hospitals.

#### *Poisons in Polythene Containers*

Regarding the use of polythene containers for preparations containing Part I poisons, it was decided that the Poisons Board should be invited to consider whether Rule 23 of the Poisons Rules should not be amended so as to refer to containers made of materials other than glass.

It was reported that the term of office of Mr. C. W. Mapleton as a member of the council of the School of Pharmacy, University of London, would expire on December 31. The Council nominated Mr. Mapleton to serve for a further period of three years. A letter was received from the Ministry of Health inviting nominations to the Central Health Services Council and to the Pharmaceutical Standing Advisory Committee to fill vacancies for the period beginning on April 1, 1955. The Council decided upon the names to be submitted.

THE PRESIDENT reported with regret the death of Mr. Howard Bayles (see *C. & D.*, October 30, p. 437), who, he said, was an authority on the history of pharmacy and by his scholarly studies in that field had made outstanding contributions to the literature of the subject.

The Council approved for circulation to the Branches an interim report on the results of its consideration of resolutions passed at the Branch Representatives' meeting held in May.

THE SECRETARY AND REGISTRAR reported that the Society had received the gift of a drawing of Peter Squire from his grandson, Mr. L. R. L. Squire. The Society was asked to thank Mr. Squire for the gift.

It was reported that in connection with the impending issue of the National Health Service (Superannuation) (Amendment) Regulations, 1954, a reply had been received from the Ministry of Health to the Society's suggestion that a guide to the Regulations might usefully be published. The reply stated that an explanatory booklet was already available on the scheme as it was at present, but that the suggestion would be given full consideration.

In a progress report on the activities of the Franco-British Pharmaceutical Commission, it was announced that Mr. J. C. Hanbury had succeeded Mr. D. W. Hudson as chairman of the British section. The Commission's second bi-annual report, covering the years 1952 and 1953, was received. It was also reported that Sir Hugh Linstead had received a letter of congratulation on the Commission's achievements from the chairman of the permanent Mixed Commission appointed under the Franco-British Cultural Convention. The letter expressed admiration of the close collaboration achieved between Britain and France in the

pharmaceutical field, and added the hope that other professional organisations might be persuaded to form similar associations.

Reports were received of the results of the examinations held in England and Wales and in Scotland in July and September 1954. In the Pharmaceutical Chemist Qualifying examination (July), there were in England and Wales 254 entrants, of whom 100 passed, seventy-three were referred in one subject and twenty-eight in two subjects, forty-nine failed, and four were absent. Of forty re-entrants, seven passed, four were referred in one subject and six in two subjects, seventeen failed, and six were absent. There were forty-six entrants for a referred subject, of whom thirty-three passed, eleven were again referred, and two were absent; and thirty-three entrants for two referred subjects, of whom twenty-two passed, ten were again referred in both subjects, and one was absent. For forensic pharmacy only twenty-one candidates entered, and all passed. In Scotland for the Pharmaceutical Chemist Qualifying examination, there were 213 first entries, of whom eighty-eight passed, forty-four were referred in one subject and twenty-four in two subjects, fifty-five failed, and two were absent. Of eighteen re-entrants, three passed, three were referred in one subject, and four in two subjects, seven failed, and one was absent. For a referred subject twenty-seven candidates entered and fifteen passed, ten being again referred, and two were absent. There were twenty-five entrants for two referred subjects, and fourteen passed, eleven being again referred in both subjects. Two candidates entered for forensic pharmacy only, and both passed. For the Intermediate examination in England and Wales (September) there were seven entrants, and none passed, one was referred and six failed. Of thirty-six re-entrants, five passed, seven were referred, twenty-one failed, and three were absent. There were sixty-five entrants for a referred subject, of whom twenty-eight passed, thirty-five were again referred, and two were absent. In Scotland in October there were ten first entries, two passed, two were referred, five failed, and one was absent. Of twenty-seven re-entrants, eight passed, six were referred, nine failed, and four were absent. There were twenty-six entrants for a referred subject, and nineteen passed, seven being again referred. In the Intermediate examination held in Scotland in July there were 136 first entries, of whom eighty-three passed. Re-entrants numbered seventeen, of whom seven passed, one was referred, seven failed, and two were absent. Of nine entrants for a referred subject, seven passed, and two were again referred.

#### *Scholarships and Prizes*

It was reported that the Manchester Pharmaceutical Association scholarship had been awarded to Peter J. Thomas. No candidate obtained the minimum marks for the award of any of the other scholarships, and the president had directed that those should not be awarded for 1954. The Pereira medal was awarded to Irving R. Johnston. No candidate obtained the minimum marks for the award of the silver or the bronze medals, and the president directed that those should not be awarded for 1954. THE CHAIRMAN stated that in view of the small number of applicants and the unsatisfactory results, the secretary had been asked to submit a memorandum on Council prizes and the scholarships. It was reported that the Umney Memorial prize for 1954 had been awarded to William R. Evans, Llanegryn, Merioneth. The Council approved the Education Committee's recommendation that the Thomas Chase prize should be awarded to Joyce W. Prescott, King's Norton, Birmingham. The Petrie Trust bursary for 1954, with a copy of the British Pharmaceutical Codex, was awarded to Margaret M. Downie, Kemnay, Aberdeenshire.

THE SECRETARY reported that inquiries of schools of pharmacy on the extent to which revision courses were available showed that, while organised revision courses were not provided, the majority of the schools were willing to arrange for the revision instruction of former students.

### Benevolent Fund Grants

The report of the Benevolent Fund and War Aid Committee showed that grants amounting to £333 4s. had been made to nine widows and two members. Recommendations for grants amounting to £578 in four other cases (one widow and three members) were approved. Two applications were deferred. From the Orphan Fund the Committee granted £50 a year for three years in one case, and its recommendation for a grant of £100 from that fund in another case was approved. The action of the chairman in authorising payment of £25 to a beneficiary during convalescence was approved. On the Committee's recommendation, the Council approved that a Christmas gift of £5 should be given to each of seventy-five annuitants from the Benevolent Fund; one of £2 2s. to each of twelve orphans from the Orphan Fund; and one of £2 2s. to children under sixteen whose parents are receiving grants from the Benevolent Fund and War Aid Fund during 1954.

THE SECRETARY reported that receipt of legacies of £100 each to the Benevolent Fund and the Birdsgrove House Fund from the estate of the late Mr. R. A. Hudspith,

Newcastle-upon-Tyne; and of a legacy of £200 to the Benevolent Fund from the estate of the late Mr. Frank Horsfield, Bridlington.

The Birdsgrove House Warden's report stated that in the month to October 16, 1954, there had been fifty-three guests at the convalescent home for an aggregate of seventy-four weeks, against fifty-six guests and seventy-one weeks in the same period of 1953.

It was reported that during August-October, 531 persons had been registered as students, making a total of 821 in the current year, against 733 in the corresponding period of the previous year. Under reciprocity arrangements the names of fourteen persons were added to the Register of Pharmaceutical Chemists, and it was approved that three further names should be added on submission of the required documents. Since the last meeting the names of nineteen former members of the Society had been restored to the Register. The Council approved that the names of two pharmacists removed more than ten years ago should be restored from January 1, 1954. The addresses of five sets of premises were restored to the Register of Premises.

The Law Committee's report showed that in September the Society's inspectors and agents visited 1,034 authorised sellers, 308 listed sellers, and 503 drug-store proprietors and similar traders. Six cases of alleged infringement of the Pharmacy Acts were considered and appropriate action was taken.

## *A Chartered Accountant gives answers to ANY BUSINESS QUESTIONS?*

*Last year, my wife had an accident and I was compelled to arrange for her to be looked after, so my daughter decided it would be best if she gave up her job for the purpose. From September 1953 until the end of the year she was occupied in doing that, but early in the new year obtained part-time employment (my wife requiring less attention) until the following May, when she was again working full-time. Am I entitled to make any claim for tax relief in those circumstances, and how much should I get?*

THE general ruling is that an allowance of tax on £40 may be claimed where the taxpayer, by reason of old age or infirmity, is compelled to depend on the services of a daughter resident with and maintained by him. In practice, that relief is extended to cases where the taxpayer's wife (or husband) is old or infirm. The fact that the daughter's services have not been required for the whole year will not negative or reduce the claim where the period of time is substantial. In such instances the Inland Revenue take a reasonable view and the whole relief available is usually given. It does not matter what the total income of the daughter is for the tax year in question provided she is resident and is maintained, and the question of what amounts to maintenance is entirely one of fact, to be decided according to circumstances. What relief is given is a matter of the tax position, but usually it reduces the liability at the highest rate (or rates) applicable to the taxpayer.

*Details would be appreciated of an up-to-date method of filing, giving its advantages and the costs of installing some sort of order that would save not only time but also much irritation.*

THERE has been much development in the use of "suspension filing" since the end of the war, the following type in particular. Each drawer of a filing cabinet is quickly converted by fitting a chassis which has two side rails along which manilla folders hooked to them can slide. In those folders, which thus remain in a vertical position and which are alphabetically indexed as required by movable tabs, are placed the individual files which themselves may have metal tabs for easy identification. Each chassis accommodates between 60-80 folders, and as each folder is already creased at the bottom, due allowance is made for expanding contents. Since the folders do not rest on the bottom of the drawer but hang from the rails, there is no need for a supporting plate. The system may be

adapted to fit the drawers of a desk. Varieties of suspension filing systems are Twinlock, Shannon, Remington Rand and Roneo. The systems are orderly with their tidy, readily-visible and accessible files and it is claimed they are an economy in clerical labour and space used. Efficient use may be made of the coloured celluloid shields fitting over and protecting the tab titles. To equip a cabinet drawer with fifty foolscap-size folders, tabs, shields, etc., would cost in the region of £5 10s., plus purchase tax.

### BRITISH FINE CHEMICALS AND THEIR USES

#### 21. LITHIUM CHLORIDE

LITHIUM chloride is the basic material used for the preparation of various lithium salts. Unlike the extraction of many of the other metals, the initial fusion process from lithium mica or lepidolite produces a mixture of sulphates of potassium and lithium. On treatment with barium chloride, a solution of lithium chloride is formed, which is suitably refined. This is the basis of the carbonate, citrate, tartrate, salicylate and bromide of lithium, all of which are used medicinally. The metal radical of lithium salts has a lower atomic weight than that of the acid radical and this peculiarity has special benefits in other branches of chemical activity. Concentrated solutions of lithium chloride have the ability to absorb moisture from the surrounding atmosphere, and have been successfully utilised in modern air-conditioning equipment. This is applied for air drying both with and without cooling and is claimed to reduce materially the capacity of the refrigeration equipment required.

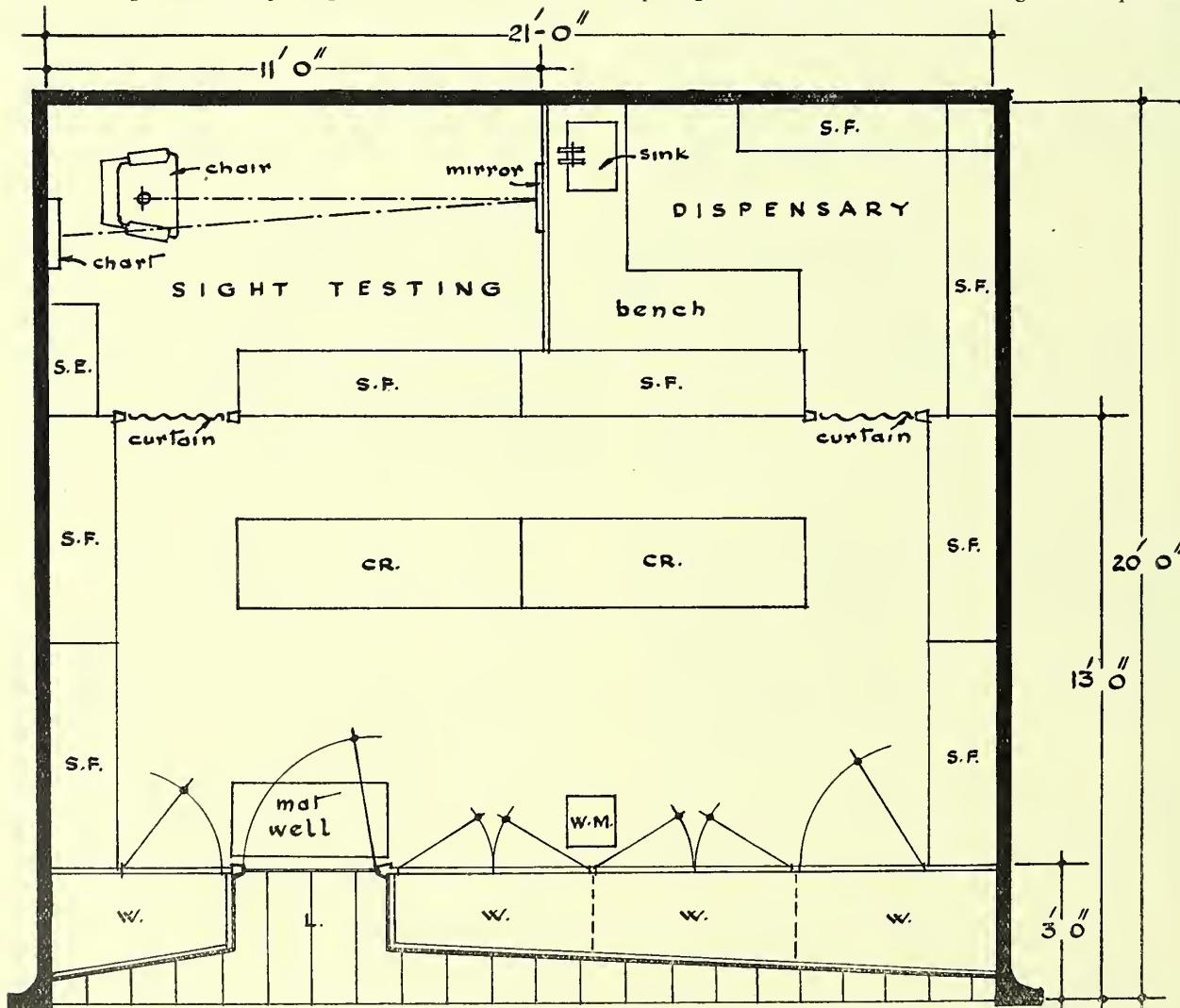
In the preparation of artificial mineral waters lithium chloride is incorporated in Fachingen, Karlsbader Sprudel, Emser Kraenchen, and Kreuznacher Elisabethquelle. Lithium chloride is one of the salts recommended for the purpose of facilitating azotisation in the production of cyanamide and other cyanide compounds by electro-thermal processes. It is claimed that less energy is required, and that heat losses are smaller. In the soap industry it has been employed in the production of lithium carmine. For aircraft lubrication purposes, specialised forms of lubricants and greases which maintain the proper viscosity at high and low temperatures use lithium soaps. Metallic lithium is obtained by fusion of the chloride using electro-thermal methods. Lithium chloride is also used in pyrotechnics. It is usually very pure, and only contains traces of potassium and sulphates.



# SHOPFITTING PROBLEM?

WRITE TO  
JAMES GRIMM

In the near future I am contemplating having built for me a single-story pharmacy with facilities at a future date for an optical room. My suggested floor space for shop, dispensary and storeroom is approximately 20 x 21 ft. Double-front windows are suggested, or one large and one small side window. Could you suggest a plan for maximum use of the space, assuming moderate dispensing?



KEY TO PLAN: CR. Counter. S.E. Sight-testing equipment. S.F. Stock fitting. L. Lobby. W. Window. W.M. Weighing machine.

No indication is given in your letter as to the width of site of your proposed premises, so I have taken it at 21 ft. If it is the other way round then adjustments would have to be made to the dimensions given on the adjoining plan. The depth of the new shopfront I have shown at 3 ft., and the entrance door is placed on the left side, for reasons of easy access to the sight-testing room. The front consists of one small and one large windows, the latter divided again into three with portable vertical divi-

sions so that you can "ring the changes" in window sizes and obtain either compact or bold displays. The depth of the shop (from window enclosure to face of the centre stock fittings) is 10 ft. and when there are two service counters placed in front of these fittings the customer space is 5 ft. 9 in. There are service fittings on either of the side walls, and it is suggested that the two fittings which link with the window enclosure should have all-glass sliding doors in both upper and lower sections. At the left-hand rear, a sight-testing room is shown. This is 5 ft. 6 in. wide x 11 ft. long. By placing the mirror at one end and the sight-testing chart at the other behind the chair, the required visual length of 6 metres is obtained. There is room for sight-testing equipment adjoining the chart. The right-hand rear section is given over to the dispensary, which consists of an L-shaped bench fitted with a sink at one end and with two or three lines of wood shelves above. The other two walls are fitted with open-locker stock fittings. Access to both sight-testing room and dispensary is through two architraved openings within which curtains are hung. As the premises

are not large, I would suggest that the colour of the fittings should be light oak and that the wall decorations should be kept in pastel shades. In addition I would recommend a plain se f-pattern light-coloured linoleum throughout, as that will help to create a feeling of spaciousness. Any electric light fittings fixed to the ceiling should be kept as shallow as possible.

Have you a shopfitting problem? Write to James Grimm, c/o The Editor.

## TRADE REPORT

The prices given are those obtained by importers or manufacturers for bulk quantities or original packages. Various charges have to be added whereby values are in many instances augmented before wholesale dealers receive the goods into stock. Crude drugs and essential oils vary greatly in quality and higher prices are charged for selected qualities.

LONDON, NOVEMBER 10: Most markets were quiet during the week with trade in BOTANICAL DRUGS especially dull. Although the docks have been at work for one week it is generally agreed that another three or four weeks will be needed before it is possible to tranship most of the cargoes from the Continental ports where the warehouses at present are understandably congested.

With scarcity of business in CRUDE DRUGS, prices were generally held at the previous week's level. Cape ALOES was 5s. per cwt. dearer on the spot while SHELLAC advanced 10s. per cwt. GUM ACACIA was 2s. 6d. per cwt. dearer; TRAGACANTH was £5 per cwt. more for the best ribbon with corresponding increases in the other grades. IPECACUANHA was somewhat easier for shipment so also were MENTHOL and SENEGA.

In PHARMACEUTICAL CHEMICALS, MERCURIC IODIDE, B.P., was 1s. 6d. per lb. dearer and MERCURIOUS IODIDE, B.P.C., was 1s. 9d. higher.

The upward trend in the price of ESSENTIAL OILS was arrested. ANISE was threepence per lb. easier. Lower also per lb. were Ceylon CITRONELLA (by threepence); LEMONGRASS (one shilling), PATCHOULI (sixpence); Chinese PEPPERMINT (sixpence) and CASSIA (1s. 6d.). Price adjustments were made in ISOLATES with EUGENOL and ISO-EUGENOL, 2s. 6d. dearer and EUCALYPTOL, one shilling.

### Pharmaceutical Chemicals

ASPIRIN.—Prices are as follows:—5-cwt. lots, 4s. 6d. per lb.; 1-cwt., 4s. 6½d.; 28-lb., and under 1-cwt., 5s. 4d.

ATROPINE.—Rates (per oz.) for 16-oz. lots are: ALKALOID, 30s. 9d.; SULPHATE, 25s. 9d.; METHYLBROMIDE, 31s. 9d.; METHYLNITRATE, 36s. 9d. The price for 1-oz. lots is 6d. per oz. more than the 16-oz. lots.

BENZAMINE.—In 16-oz. lots, LACTATE is 15s. 3d. per oz. and HYDROCHLORIDE, 16s. 3d. per oz.

BENZOCAINE.—Minimum price for B.P. is 20s. 6d. per lb.

BENZYL BENZOATE.—Makers' offers of B.P. grade range from 4s. per lb. for 1-ton lots to 6s. 9d. for smallest quantities.

BORAX.—Prices for B.P. grade, for quantities of 1-ton and upwards, are as follows:—Granular, £47 10s.; crystals, £50; powder, £51; extra-fine powder, £52 per ton. Prices of commercial range from £37 10s. to £43 per ton, as to type and dehydrated borax is £58 10s. per ton in 140-lb. paper-lined hessian bags or £57 10s. in 1-cwt. paper bags; carriage paid in Great Britain. Surcharges for smaller quantities.

CALCIUM PANTOTHENATE.—Price per kilo is £32 10s.

CHLOROCRESOL.—Pharmaceutical quality is quoted at 6s. per lb., in 1-cwt. drums.

CHLOROFORM.—1-cwt. lots in winchesters are 3s. 6d. per lb.; 56-lb., 3s. 6½d. In drums, prices are 3s. 4d. and 3s. 4½d.

CITRIC ACID.—Quotations (per cwt.) for domestic material are 205s. for 1-4 cwt. lots and 200s. for 5-cwt.

CREAM OF TARTAR.—Rates for the home trade are now as follows:—1-ton lots, 191s. per cwt.; 10-cwt., 192s.; 5-9-cwt., 193s.; 2-4-cwt., 194s.; 1-cwt., 195s.

CREOSOTE.—B.P. quality ex beechwood, is quoted at from 6s. 9d. to 7s. 6d. per lb.

DEXTROSE.—Rates are as follows:—MONOHYDRATE, B.P., 1-lb., 1s. 11½d.; 7-lb., 11s. 10d.; 28-lb., 43s.; free packages, less 12½ per cent. to wholesalers. In bulk, 1-ton lots, £90 ex works. ANHYDROUS, B.P., 7-lb., 14s.; 14-lb., 26s. 3d.; 28-lb., 49s. (terms as for monohydrate). 1-ton lots, £107 10s., ex warehouse.

DICOPHANE (DDT).—Prices are as follows:—1-cwt. lots, 3s. 1d. per lb.; 1-ton, 2s. 10d. Discount for larger quantities.

EMETINE.—Price for 32-oz. lots of the HYDROCHLORIDE is 250s. per oz. The BISMUTH IODIDE is 125s. per oz.

EPHEDRINE.—In 100-oz. lots ALKALOID is 7s. per oz.; HYDROCHLORIDE and SULPHATE, 4s. 3d. per oz.

ERGOMETRINE.—For 20-gm. lots the price of the MALEATE, B.P., is £27 10s. per gm., and the TARTRATE, £25 10s. per gm.

ERGOTOXINE ETHANESULPHONATE.—Price per gm. for B.P.C. 1949 material is 1 gm., 125s.; 10 gm., 115s.

FERROUS SULPHATE.—1-cwt. lots of B.P. crystals are 42s. 6d. per cwt. and 5-cwt., 40s.; granulated, 2s. 6d. per cwt. more. EXSICCATED is 95s. per cwt. and 5-cwt., 91s.

FORMALDEHYDE.—B.P. solution is 34s. per cwt.

GLYCEROPHOSPHATES.—Rates per lb. for 1-cwt. lots are as follows:—ACID, B.P.C., 20 per cent., 5s. 9d.; CALCIUM, soluble, B.P.C., 11s. 9d.; IRON, B.P.C., scale, 15s. 9d. and powder, 14s. 9d.; MAGNESIUM, soluble B.P.C., 14s. 3d., and insoluble, 7s. 6d.; MANGANESE, B.P.C., 26s. 3d.; POTASSIUM, 50 per cent., B.P.C., 3s. 9d. and 75 per cent., B.P.C., 5s. 6d.; SODIUM, 50 per cent., B.P.C., 3s. 1d. and 75 per cent., B.P.C., 4s. 6d.

HOMATROPINE.—Current rates (per oz.) for 16-oz. lots are now: ALKALOID, 56s. 9d.; HYDROBROMIDE, 39s. 3d.; HYDROCHLORIDE, 43s. 2d.; METHYLBROMIDE, 48s. 9d. 1-oz. rates are about 6d. per oz. higher in all cases.

HYPOPHOSPHITES.—Prices per lb. are unchanged as follows:—

SALT	7 lb.		28 lb.		1 cwt.	
	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
AMMONIUM	12 10	12 5	12 0			
BARIUM	7 10	7 5	7 0			
CALCIUM	5 11	5 6	5 1			
IRON	12 1	11 8	11 3			
MANGANESE	9 4	8 11	8 6			
MANOANESE	12 4	11 11	11 6			
POTASSIUM	7 11	7 6	7 1			
SODIUM	6 7	6 2	5 9			

HYOSCINE HYDROBROMIDE.—1-oz. lots are 74s. 3d.; 4-oz., 74s. and 16-oz., 73s. 9d. per oz.

IODIDES.—The current quotations are given below:—

IODIDE	per lb.		Quantity	
	s. d.	s. d.	lb.	lb.
AMMONIUM	19 6	28	lb.	
ARSENIC TRI-	45 0	28	lb.	
CADMIUM	20 6	28	lb.	
CALCIUM (PLATES)	20 9	7	lb.	
ETHYL	25 0	28	lb.	
IRON	22 0	7	lb.	
LEAD	21 0	7	lb.	
LITHIUM	26 6	28	lb.	
POTASSIUM	11 10	1	cwt.	
SODIUM	14 7	1	cwt.	
STRONTIUM	21 0	28	lb.	
ZINC	26 3	7	lb.	

MAGNESIUM TRISILICATE.—In 28-lb. packages the prices (per lb.) are now as follows:—28-lb., 4s. 9½d.; 1-cwt., 3s. 10d.; 5-cwt., 3s. 7d.; 1-ton, 3s. 1d.

NICOTINAMIDE.—Prices per kilo are: 1-kilo, 113s.; 50-kilos, 105s.

NICOTINIC ACID.—Prices per kilo are 78s. for 1-kilo and 70s. for 50-kilo lots.

OLEIC ACID.—Price for B.P. is about 153s. per cwt.

PHYSOSTIGMINE.—Rates per oz. are:—

	1 oz.	4 oz.	16 oz.
	s. d.	s. d.	s. d.
ALKALOID	207 0	202 0	195 0
SALICYLATE	163 6	158 6	152 6
SULPHATE	185 0	180 0	173 0

POTASSIUM ACETATE.—B.P. is 2s. 8d. per lb. in 1-cwt. lots.

PROCAINE HYDROCHLORIDE.—1-cwt. lots are 30s. per lb.

PYRIDOXIN.—Manufacturer's rate is £170 per kilo.

SACCHARIN.—In lots of 1-lb. and over B.P.C. powder is quoted at 99s. 10d. per lb., the SODIUM SALT is 80s. 10d. per lb. Prices include duty and carriage.

SALICYLAMIDE.—Price (per lb.) for 1-cwt. lots is 8s. 6d.

SODIUM CARBONATE.—B.P. exsiccated is 60s. 6d. per cwt.

ZINC PEROXIDE.—Price (per lb.) for 1-cwt. lots of B.P. is 5s. 3d.

### Alcohol

Prices of plain BRITISH SPIRIT per proof gall. are as follows:—

Ethyl Alcohol: (95 per cent. Gay Lussac, 66 o.p.); where the number of proof gall. taken over any one year ended December 31 is 300,000 or over the price is 2s. 9d.; 200,000 and less than 300,000 2s. 9½d.; 100,000 and less than 200,000, 2s. 10d.; 50,000 and less than 100,000, 2s. 10½d.; 10,000 and less than 50,000, 2s. 11d.; 2,500 and less than 10,000, 2s. 11½d. Prices are exclusive of duty and are for tank wagon lots.

The following grades are subject to a premium on the above prices as follows:—

Absolute Alcohol, 99.5 per cent., 74.5 o.p., 3d. more per proof gall.; the special high strength (99.9 per cent., 75.2 o.p.), 5d. more; Doubly-Rectified Alcohol (S.V.R.), 95.8 per cent., 68 o.p. is 4d. more and P.I. Rectified Alcohol, 96.1 per cent., 68.5 o.p., 8d. more. R.R. Absolute Alcohol (re-rectified, 99.7 per cent., 75 o.p.), 12s. 6d. per bulk gall. net.

### Crude Drugs

ACONITE.—Spot supplies of Spanish *napellus* have been cleared. Nominal value 3s. 9d. per lb., duty paid.

AGAR.—Kobé No. 1 on the spot is from 17s. per lb., duty paid. Shipment, 14s. 6d., c.i.f., January-February 1955 (new-crop).

ALOES.—Cape: Nominal spot quotations are 255s. per cwt.; forward indication, 252s. 6d., c.i.f. Curaçao is cleared at the spot and stocks are depleted at origin; small quantities at 300s. per cwt., c.i.f.

ANISEED.—Chinese star is scarce on the spot at 190s. per cwt., in bond; shipment, 160s., c.i.f.

ANTIMONY.—English 99.6 per cent., £222 10s.; 99 per cent., £210 per ton.

ARECA NUTS.—Quotations are about 45s. per cwt. for Ceylon material on the spot. Shipment, 42s. 6d., c.i.f.

**BALSAMS.**—Quotations (per lb.) are:—  
 Canada: 20s., spot. *Copaiba*, B.P., 11s. 6d. Peru is 11s. 9d., duty paid; no offers from origin. *Tolu* (genuine as imported) 26s. 6d. spot, and 26s., c.i.f.

**BENZOIN.**—Sumatra block on the spot is firm at from £27 10s. to £31 per cwt.

**BISMUTH METAL.**—Minimum rate is 16s. per lb.

**CAPSICUMS.**—East African on stalk are 160s. per cwt., spot. Abyssinian, off stalk, 205s., spot, duty paid.

**CASCARA SAGRADA.**—Quiet. American new-crop peel for shipment is 220s. per cwt., c.i.f., London.

**CASSIA BARK.**—Whole on the spot is about 95s., per cwt., in bond, and for forward delivery, 82s. 6d., c.i.f. Broken 85s., in bond, and 75s., c.i.f.

**CHAMOMILE.**—Belgian flowers are 5s. to 5s. 6d. per lb. on the spot.

**CHILLIES.**—Mombasa. Spot supplies offered at 350s. per cwt. and shipment, 310s. per cwt., c.i.f.

**COLCHICUM.**—Corms on spot are offering at 2s. 3d. per lb., and seeds, 6s.

**GINGER.**—African is firm on the spot at 240s. per cwt. with shipment offers in the region of 225s., c.i.f. Jamaican No. 3 is offered at 250s. on the spot.

**GUM ACACIA.**—Kordofan cleaned sorts on the spot are quoted at 152s. 6d. per cwt.; November-December shipment, 145s. c.i.f.; January-March 1955 from 128s. 6d. to 131s., c.i.f. as to position.

**HONEY.**—Firm. Australian light-amber is offered on the spot at from 102s. 6d. to 110s. per cwt. and medium-amber, 95s. to 100s. Argentine stocks are cleared. Jamaican, from 125s. to 135s.

**HYDRASTIS.**—Root is 18s. per lb., on the spot.

**IPECACUANHA.**—For shipment (per lb., c.i.f.): Nicaraguan, 57s. 6d. to 60s.; Colombian, 56s.; Matto Grosso, 54s. Spot: Colombian, 60s.; Matto Grosso, 58s.

**JALAP ROOT.**—Vera Cruz untested material is offered at 4s. 3d. per lb. Short at origin.

**KARAYA.**—No. 1 gum on the spot is quoted at 275s. per cwt., and 240s. for shipment, and No. 2 at 175s. and 160s., c.i.f.

**LANOLIN.**—In 1-ton lots the price of ANHYDROUS, B.P., is about 200s. per cwt. and HYDROUS, B.P., 145s.

**LIQUORICE.**—Natural whole root, spot: Anatolian, 60s. per cwt.; Russian, from 45s. to 47s. 6d.; Persian, 37s. 6d. Block juice quotations are 220s. per cwt. on the spot. Italian stick from 310s. to 475s. per cwt., duty paid.

**MACE.**—West Indian pale blade is 9s. per lb.; for shipment, 8s. 4d., c.i.f.

**MENTHOL.**—Chinese is easier at 43s. per lb., duty paid and 41s., c.i.f.

**MERCURY.**—Nominal spot value is £110 per flask of 76-lb. ex-warehouse.

**MYRRH.**—Aden selected sorts are about £14 10s. per cwt. on the spot. Siftings are from £7.

**NUTMEGS.**—West Indian 80's quoted at 3s. per lb. on the spot and 2s. 7d. c.i.f., for shipment.

**ORANGE PEEL.**—Bitter quarters are offered at 1s. 9d. per lb., landed. Italian for shipment, 1s. 1d., c.i.f. and sweet-ribbon, 7½d., c.i.f.

**PEPPER.**—Spot position remains firm. White Sarawak is 4s. 8d. to 4s. 11d. per lb., spot with afloat parcels quoted at 4s. 3d. to 4s. 5d., c.i.f. Black Sarawak is 3s. 9d. to 4s. spot; afloat 3s. 3d. to 3s. 43d., c.i.f. Black Malabar is now quoted at 575s. per cwt. with November shipment unchanged at 395s., c.i.f.

**SAFFRON.**—Steady. Offers for Mancha are about 150s. per lb.

**SASSAFRAS BARK.**—Select round offered at 6s. 3d. and natural at 4s. 3d. per lb. landed to m.

**SEEDS.**—(Per cwt.). **ANISE.**—No Cyprian offering; Bulgarian quoted at 200s., duty paid. **CARAWAY.**—Dutch, 167s. 6d., duty paid, landed (goods awaiting shipment from Holland). **CELERI.**—Indian unchanged with sellers quoting 160s., spot.

**CORIANDER.**—Firm. Spot: Morocco now landing with no price indicated yet; Danubian, 60s., duty paid. Shipment, Morocco, 65s., c.i.f. **CUMIN.**—Market remains quiet with no business reported. Spot Cyprian, 125s.; Morocco, 127s. 6d., duty paid. Shipment, Cyprian, 110s.; Morocco, 102s. 6d., both c.i.f., London.

**DILL.**—Indian is unobtainable on spot, nominally 90s. **FENNEL.**—Indian is dearer with sellers quoting 95s., spot. **FENUGREEK.**—No first hand supplies available on spot; Morocco for shipment is 43s. c.i.f. **MUSTARD.**—English, 85s. to 95s., according to quality.

**SENEGA.**—Firm. Spot value is 23s. 6d. per lb. with shipment offers at 23s., c.i.f.

**SHELLAC.**—Spot quotations are:—F.O.T.N. pure, 365s.; F.O. standard No. 1, 380s., nominal; fine orange, 400s. to 430s. per cwt., ex-London warehouse.

**STROPHANTHUS.**—*Kombé* is 7s. 6d. per lb. on the spot.

**STYRAX.**—Spot is 5s. 7d. per lb., duty paid.

**TAMARINDS.**—Supplies of West Indian are offered at 50s. per cwt., duty paid.

**TONKA BEANS.**—Frosted Para on the spot are offered at 6s. per lb.

**TRAGACANTH.**—No. 1 ribbon on the spot is £125 to £130 per cwt.; No. 2, £95; No. 3, £70 to £75.

**TURMERIC.**—Madras finger is nominal at 200s. per cwt. spot. New-crop for March-April 1955 shipment is quoted at 148s. 6d., c.i.f.

**VALERIAN.**—Indian is 145s. per cwt. on the spot and from 130s. to 145s., c.i.f. Belgian, 185s. spot.

**WAXES.**—**BEES'**—Dar-es-Salaam, spot

510s. per cwt., with November-December shipment, 485s., c.i.f., nominal; Sudanese, 480s., duty paid and 420s., c.i.f.; Abyssinian, spot, 485s., duty paid, and shipment, 425s., c.i.f. **CANDELILLA.**—Spot is 570s. per cwt. forward, 570s., c.i.f. **CARNAUBA.**—Prime yellow on the spot is 880s. per cwt., shipment, 810s., c.i.f.; fatty grey is 570s. on the spot; shipment, 540s., c.i.f. **MONTAN.**—Reibeck, crude, 115s. per cwt., spot. **SPERMACETI.**—Case lots are about 2s. per lb.

**WITCH HAZEL LEAVES.**—Firm at 1s. 9d. per lb. on the spot.

### Essential and Expressed Oils

**ANISE.**—Spot supplies are 17s. 6d. per lb., with shipment offers at 17s., c.i.f.

**CAMPHOR, WHITE.**—Chinese is 3s. 3d. per lb., duty paid.

**CASSIA.**—Original drums are about 9s. 3d. per lb. for spot and 8s. 9d. for c.i.f.

**CITRONELLA.**—Prices (per lb.) include Ceylon at 8s. 9d. on the spot and 8s., c.i.f., November shipment; Formosan, 10s. 6d., c.i.f. and 11s., in bond; Java, 13s., duty paid and 10s. 9d., c.i.f.

**CLOVE.**—Madagascar leaf is 12s. 9d. per lb., duty paid and 10s. 9d., c.i.f., for shipment. Redistilled stem oil from 19s. and English distilled bud oil from 37s. 6d. to 40s.

**EUCALYPTUS.**—Australian 70 to 75 per cent. eucalyptol on the spot is 5s. per lb., and 80 to 85 per cent., 5s. 6d. Spanish, 70 to 75 per cent., 4s. 8d., duty paid.

**FENNEL.**—Spanish sweet on the spot is quoted from 9s. 6d. per lb.

**GARLIC.**—English is from 55s. to 60s. per oz.

**HYDNOCARPUS.**—Spot is scarce at 2s. 2d. per lb.

**JUNIPER BERRY.**—Imported oils are offered at 17s. 6d. per lb., duty paid. English-distilled is offered at 75s. to 80s. per lb.

**LEMONGRASS.**—Easier. Spot offers have fallen to 20s. per lb. with November shipment at 18s. 4½d., c.i.f.

**LIME.**—Supplies of West Indian distilled are offered from 40s. to 42s. per lb. on the spot.

**NUTMEG.**—English-distilled oil is 35s. per lb. Imported oil is offered at 24s. per lb., duty paid for drum lots.

**OLIVE.**—Spanish virgin and pharmaceutical oils (B.P.) are offered on the basis of £214 5s. per 1,000 kilos, f.o.b., Spanish ports for prompt shipment. Equivalent landed terms ex-wharf London/Liverpool approximately 21s. per gall. for minimum 1-ton lots (5 x 48-gall. drums). French virgin (maximum acidity, 1 per cent.) at £225 and B.P., £220 per 1,000 kilos, c. and f. (equivalent to 19s. 9d. and 19s. 6d. per gall. spot).

**PALMAROSA.**—East Indian is 62s. 6d. per lb., on the spot, and 60s., c.i.f., for shipment.

**PATCHOULI.**—Penang is 60s. per lb., duty paid and 53s. 6d., c.i.f.

**PEPPERMINT.**—*Arvensis*: Chinese is 37s. per lb., spot and 36s. 6d., c.i.f. Brazilian, 27s. 6d., spot and 25s. 6d., c.i.f. Italian "Mitcham" type oil is from 60s. to 65s. per lb. on the spot. American, spot 60s.; shipment, 57s. 6d., c.i.f.

**SANDALWOOD.**—Myro is from 65s. per lb. as to quantity; East Indian, 62s. 6d.; Australian, 47s. 6d. to 50s.

**SASSAFRAS.**—Brazilian on the spot is 8s. per lb.

**SPEARMINT.**—Offers of U.S.P. quality at 37s. 6d. per lb. on the spot.

**TITREE.**—Spot supplies are offered at 14s. per lb.

**VETIVERT.**—Bourbon in original drums on the spot is 90s. per lb.

### UNITED STATES REPORT

**NEW YORK, NOVEMBER 9:** Various CRUDE DRUGS moved into higher ground. HENNA POWDER was up one cent to range from 23 to 24 cents per lb. RAUWOLFIA SERPENTINA was firm with only occasional lots available at \$3.50 to \$4.00. JUNIPER BERRIES developed renewed strength advancing three cents to 15 cents per lb. TOLU BALSM was higher by 25 cents at \$4.25 and PERU BALSM up five cents to \$1.35 with some suppliers quoting even higher prices. Domestic manufacturers of COPPER SULPHATE continued to enjoy a good export demand particularly from South America, the pickup being attributed to a tighter supply situation in Great Britain.

A highlight in the ESSENTIAL OIL market was a one dollar drop in Californian LEMON to the basis of \$5.50 dollars per lb. This was the first reduction in lemon oil prices since last May and reflected more abundant supplies. Dalmatian SAGE was also a weak spot declining by \$1.25 to \$4.50 per lb. under the weight of freer offerings. EUGENOL was off 25 cents to \$3.00 Other oils, however, displayed firmness. CLOVE was up 30 cents to \$3.55. CARAWAY, 25 cents higher to \$3.50. PEPPERMINT was advanced by 25 cents with the natural oil ranging from \$8.00 to \$8.40 per lb. and redistilled from \$8.50 to \$9.00.

## WORLD TRADE

**U.S. Penicillin Plant for Egypt?** — A United States delegation is reported to have approached the Egyptian Government with a view to erecting a penicillin plant in Egypt at an estimated cost of £E5,800,000.

**Acid Plant for Canada.** — Inland Chemicals (Canada), Ltd., has awarded a contract for construction of a one-million-dollar sulphuric acid plant at Fort Saskatchewan. It will use southern Alberta sulphur to produce 100 tons of sulphuric acid daily.

**Spain to Export Silver Nitrate?** — It is reported that Spain may soon become an exporter of silver nitrate. Imports have already been suspended, reflecting increased domestic output and permission to export is being sought from the Ministry of Commerce.

**Chilean Antibiotic Plant.** — Representatives of Charles Pfizer, Inc., have announced that studies have been completed for the company to set up a large antibiotic plant in Chile. Initial capital investment would be \$1 million and local interests would participate.

**New Swiss Pharmaceutical Plant.** — The management of Ciba, A.G., Basle, has decided to begin construction of a new plant at Stein. Lack of space at the Basle works and the possibility of using the upper Rhine for transport purposes have determined the location of the new plant.

**Indian Transfusion Gelatin Production.** — A scheme for setting up an experimental unit for the preparation of transfusion gelatin has been sanctioned by the Indian National Research Development Corporation. A sum of Rs. 75,000 has been set aside for capital equipment.

**Saudi Arabia Medicinal Imports.** — In future it will be sufficient for British firms to register their pharmaceutical products direct with the Ministry of Health in Saudi Arabia to cover all their consignments of such goods to that country. The registration may be made by sending to the Saudi Ministry of Health a list of products which has been certified by the British Ministry of Health.

**U.S. Exports to Hong Kong.** — The United States Commerce Department has announced that U.S. exporters may now ship more than twenty-five additional commodities to Hong Kong without applying for individual export licences. The additional items include certain rubber gloves, pharmaceuticals, photographic, projection and optical goods, and dental and laboratory equipment.

**Finnish Tariff Increases.** — Finland is to increase tariffs on imported goods by an average of 20 per cent. The increase will make them nominally twelve times as high as in 1939. At present they are ten times as high nominally. As the Finnish currency is now worth only a tenth of its pre-war value, the real value of the present tariffs is about the same as in 1939. The Government has also decided to reduce the purchase tax by 25 per cent. The two measures will be incorporated in the next budget and are designed to combat inflation.

## TRADE MARKS

## APPLICATIONS ADVERTISED BEFORE REGISTRATION

## From "The Trade Marks Journal," October 13

**For astrogenic preparations for use in medicine and pharmacy (5)**

NORTESTRIN, 731,318, by Wallace Manufacturing Chemist, Ltd., London, N.W.3.

**For antibiotic preparations being pharmaceutical preparations (5)**

COBENCIL, 732,140, by Imperial Chemical Pharmaceuticals, Ltd., London, S.W.1.

**For insecticides (5)**

RIPOLAC, 732,619, by Ripolin, Ltd., London, W.C.2.

**For pharmaceutical preparations for human and for veterinary use (5)**

VENAGMIN, 733,023, by Willows Francis Pharmaceutical Products, Ltd., London, E.8.

**For toilet paper (non-medicated) (16)**

QUEST, 732,534, by Ellern Paper Co., Ltd., Ashford, Middlesex.

**For pharmaceutical preparations and substances (5)**

AURODETOSIN, 717,992, KERADORM, 717,993, by Johann A. Wulffing, Dusseldorf, Germany. BEPRO, 732,722, by Wallace Manufacturing Chemist, Ltd., London, N.W.3.

**For pharmaceutical, veterinary and sanitary substances; medical and surgical plasters; materials prepared for bandaging; disinfectants; preparations for killing weeds and destroying vermin; and herbicides, germicides, fungicides, insecticides in liquid or powder form, and insect destroying materials in the form of cards, paper and the like (5)**

Device of toy soldier, 724,871, by Esso Standard Oil Co., Delaware, U.S.A.

**For all goods (5)**

ROLFIN, 732,203, ZIRADRYL, 732,204, by Parke, Davis & Co., Michigan, U.S.A. PERSERSUL, 732,477, by Evans Medical Supplies, Ltd., Liverpool.

**From the "Trade Marks Journal," October 20**

**For chemical products used in industry, science, and photography (1)**

FEDAL, 718,462, by Bohme Fettchemie, G.m.b.H., Dusseldorf-Holthausen, Germany.

**For chemical preparations being additives for mineral oils (1)**

FLUXAN, 727,096, by Badische Anilin- & Soda Fabrik, A.G., Ludwigshafen-on-Rhine, Germany.

**For chemical substances for use in agriculture, horticulture and forestry (1)**

PENTESTER, 732,861, by Pest Control, Ltd., Bourn, Cambs.

**For non-medicated toilet preparations (3)**

PITTA, 720,444, by Lingnerwerke, G.m.b.H., Dusseldorf, Germany. ULTRA, 729,789, by Lloyd Hamol, Ltd., London, W.C.1. VAPETTE, 730,543, by Sales Affiliates, Ltd., Herts. COPPOL, 731,341, by Herbert Arthur Digby, London, N.10. MUGUET DE MAI, 732,402, by R. Demuth, Ltd., Surrey. EMULAN, 732,982, by Cory (England), Ltd., London, W.1.

**For all goods (3)**

BEAUTINA, 731,446, by Haering, Goldach, Switzerland.

**For pharmaceutical preparations for curative purposes, medical and surgical plasters and dressings, insecticides, dental impression materials and materials prepared for bandaging; all being preparations and materials wholly or mainly of polyvinyl chloride (5)**

VINNOL, 710,740, by Wacker-Chemie, G.m.b.H., Munchen, Germany.

**For all goods (5)**

KAFIFE (KS), 725,256, by Nordmark-Werke, G.m.b.H., Holstein, Germany.

**For pharmaceutical preparations for external use in the treatment of rheumatic diseases (5)**

RUBRIMENT, 725,911, by Nordmark-Werke, G.m.b.H., Holstein, Germany.

**For pharmaceutical preparations and substances for human use and for veterinary use (5)**

ANDROLINE, 729,135, by Organon Laboratories, Ltd., London, W.C.2.

**For medicinal hormone preparations (5)**

CORTRIL, 728,867, by Pharmaceutical Products Co., Inc., Puerto Rico.

**For surgical dressings (5)**

ALEXAPLAST, 730,761, by Kaputine, Ltd., also trading as Alex Parsons, Oldham, Lancs.

**For pharmaceutical preparations for the treatment of the eyes (5)**

XOKOL, 730,864, by Castle Huskisson, Ltd., London, N.1.

**For preparations for killing weeds (5)**

MONDONIE, 731,992, by Osmond & Sons, Ltd., Grimsby.

**For antihypertensive and sedative agents being pharmaceutical preparations (5)**

RAUDIXOID, 732,235, by E. R. Squibb & Sons, Ltd., also trading as E. R. Squibb & Sons, London, W.1.

**For insecticides (5)**

FURREEN, 732,976, by Furriers Powder Co., London, S.W.2. MALASTAN, 733,072. STANTOX, 733,073, by Standardised Disinfectants Co., Ltd., London, S.W.1.

**For preparations for killing weeds and trees (5)**

THANOSYL, 733,074, by Standardised Disinfectant Co., Ltd., London, S.W.1.

**For electric razors (8)**

RONSON, 731,798, by Ronson Products, Ltd., London, E.C.2.

**For articles made of porcelain for laboratory use (9)**

Device of arrow with letter H, 7276,972, by W. Haldenwanger, Berlin-Spandau, Germany.

**For scientific, electrical, photographic and optical apparatus and instruments (9)**

BALDINA, 730,826, BALDA, 731,030, BALDALUX, 731,031, by Julius Joseph Silber, London, W.C.1.

**For electrical dental appliances (9)**

RENTA, 731,485, by George Petralis, London, N.1.

**From the "Trade Marks Journal," October 27**

**For chemical substances used in industry, manures (natural and artificial), chemical substances for preserving foodstuffs, artificial sweetening substances, and tanning substances (1) and for preparations and substances for laundry use; and cleaning, polishing, scouring and abrasive preparations, soaps and dentifrices (3) and for infants' and invalids' foods, disinfectants, and preparations for killing weeds and destroying vermin (5)**

SAXA, 712,463-64 and 712,009, by Cerebos, Ltd., London, N.W.10.

**For chemical substances for use in industry (1)**

BISOLENE, 730,912, by Distillers Co., Ltd., also trading as British Industrial Solvents, London, W.1.

**For non-medicated toilet preparations (3)**

CYNICAL, 730,634, by E. Davis (Chemists), Ltd., Newport, Mon. POND'S ANGEL FACE, B730,703, by Pond's Extract Co., Ltd., Greenford, Middlesex. SCALPOTON, 731,438, by J. B. Green & Sons, Ltd., Edinburgh.

**For cleaning, polishing, scouring and abrasive preparations (none containing soap) (3)**

PREPAN, 731,953, by E. R. Howard, Ltd., London, E.C.1.

**For all goods (3)**

ELIVIN, 732,083, by C. H. Boehringer Sohn, Ingelheim-am-Rhein, Germany. SPINET, 732,219, by Ashe Laboratories, Ltd., Leatherhead, Surrey. REBELLE, 733,400, by Rebelle (Mayfair), Ltd., London, W.1.

**For preparations and substances for laundry use, cleaning, polishing, scouring and abrasive preparations, soap, and perfumes, non-medicated toilet preparations, cosmetics and essential oils (3)**

HOMACOL, 732,881, by Horton Manufacturing Co., Ltd., Rickmansworth, Herts.

**For all goods (5)**

SENAKOL, 731,991, by Westminster Laboratories, Ltd., London, N.W.1. ASTHROSOL, 732,842, by Stephen Paul Rety, Richmond, Surrey. SONABEN, 733,318, by C. L. Benard, Ltd., London, S.W.1.

## COMING EVENTS

Items for inclusion under this heading should be sent in time to reach the Editor not later than first post on Wednesday of the week of insertion.

### Sunday, November 14

GLASGOW AND SOUTH-WESTERN SCOTTISH BRANCH, PHARMACEUTICAL SOCIETY, County Hotel, Dumfries, at 2.15 p.m. Messrs. R. M. McCrone and T. D. Mackinnon on "Pharmaceutical Education," and "The Scottish Nepal Expedition, 1952" (illustrated), respectively.

### Monday, November 15

MEDICAL EXHIBITION, New Horticultural Hall, Greycoat Street, London, S.W.1. Open from 11 a.m. to 6.30 p.m. on all days except Thursday, when it closes at 7.30 p.m. The exhibition closes on November 19.

UNIVERSITY OF LONDON, Guy's Hospital Medical School, St. Thomas' Street, London, S.E.1, at 5.15 p.m. Dr. C. Hamburger (State Serum Institute, Copenhagen) on "The Excretion of 17 Ketosteroids in Human Urine." Admission free.

### Tuesday, November 16

HARROW BRANCH, PHARMACEUTICAL SOCIETY, Oak hall, Baptist Church, College Road, Harrow, at 8 p.m. Talk on "Radioisotopes."

NOTTINGHAM BRANCH, PHARMACEUTICAL SOCIETY, gas showrooms demonstration theatre, Parliament Street, Nottingham, at 7.30 p.m. Film show.

WEST MIDDLESEX CHEMISTS' ASSOCIATION and BRANCH, Feathers Hotel, The Broadway, Ealing, London, W.5, at 8 p.m. Joint meeting with Hounslow and Wembley branches. Address by Mr. F. W. Adams (Secretary and registrar of the Pharmaceutical Society).

### Wednesday, November 17

BOURNEMOUTH, PORTSMOUTH AND SOUTHAMPTON BRANCHES, PHARMACEUTICAL SOCIETY, Polygon Hotel, Southampton. Regional conference. At 3 p.m., display of pharmaceutical antiquities; at 5 p.m., tea; at 6 p.m., "Open Forum."

CHADWICK PUBLIC LECTURE, lecture hall, University College, Gower Street, London, W.C.1, at 5.30 p.m. Mr. P. C. G. Isaac on "Environmental Control and Occupational Health." Admission free.

CHELSEA SCHOOL OF PHARMACY ASSOCIATION, Horse Shoe Hotel, Tottenham Court Road, London, W.1, at 7 for 7.30 p.m. Dinner-dance.

ROYAL INSTITUTE OF CHEMISTRY, Institute of Metals, Grosvenor Gardens, London, S.W.1, at 6 for 6.30 p.m. Annual meeting.

ROYAL SOCIETY OF ARTS, John Adam Street, Adelphi, London, W.C.2, at 2.30 p.m. Dr. L. H. Lampitt on "Science and Food Production."

SHEDFIELD BRANCH, PHARMACEUTICAL SOCIETY, Grand Hotel, Sheffield, at 8 p.m. Mr. P. Wilkinson on "The Kilimanjaro Expedition."

TEES-SIDE BRANCH, PHARMACEUTICAL SOCIETY, Vane Arms Hotel, High Street, Stockton-on-Tees, at 7.45 p.m. Mr. J. L. Livingstone (Glaxo Laboratories, Ltd.) on "Pharmaceutical Research."

WESTERN [LONDON] PHARMACISTS' ASSOCIATION, Bonington Hotel, Southampton Row, London, W.C.1, at 7.15 for 7.30 p.m. "Mediaeval Pictures" and "The Unadulterated Truth" (films), followed by discussion on "The Possible Limitation of Pharmacies."

### Thursday, November 18

CHEMICAL SOCIETY, large chemistry lecture theatre, Imperial College of Science and Technology, Prince Consort Road, South Kensington, London, S.W.7, at 7.30 p.m. Professor M. J. S. Dewar on "Molecular Rearrangements."

MANCHESTER PHARMACEUTICAL ASSOCIATION, council chamber, Houldsworth Hall, Manchester, at 7.45 p.m. Dr. V. S. Charley on "Some Fruit Products of Pharmaceutical Interest."

ULSTER CHEMISTS' ASSOCIATION, Pharmaceutical Society's rooms, 73 University Street, Belfast, at 7.45 p.m. Annual meeting.

### Friday, November 19

FINE CHEMICALS GROUP, SOCIETY OF CHEMICAL INDUSTRY, chemistry lecture theatre, King's College, Strand, London, W.C.2, at 7 p.m. Dr. G. E. Foster on "The Analyst in the Fine Chemicals and Pharmaceutical Industries."

### Advance Information

NORTHERN IRELAND CHEMISTS' BENEVOLENT FUND Committee is holding a carnival dance at the Orpheus ballroom, Belfast, on November 25, at 9 p.m. Ticket (10s., including supper) from 73 University Street, Belfast.

## PRINT AND PUBLICITY

### Advertising Campaigns

BEECHAM (NORTHERN), LTD., St. Helens, Lancs: "Take Your Pick" show on Radio Luxembourg on Sundays throughout the autumn and winter, sponsored by the company.

J. C. & J. FIELD, LTD., 162 New Bond Street, London, W.1: Keg hair cream. Sustained national advertising campaign extending throughout the year and into 1955 in national daily Press.

COUNTY LABORATORIES, LTD., Honeypot Lane, Stanmore, Middlesex: Amami wave set. In the national Press and magazines.

CHILVAX LABORATORIES, LTD., Kemtheutic House, Bradford, 3: Chilvax tablets. In local evening papers.

GILLETTE INDUSTRIES, LTD., Toni Division, Isleworth, Middlesex: Toni home permanent. Half-page in *Daily Express*.

IMPERIAL CHEMICAL (PHARMACEUTICALS), LTD., Wilmslow, Manchester: Savlon antiseptic cream. In national daily and Sunday Press, *Reader's Digest*, *Woman's Weekly*, *Woman's*

Own, *John Bull*, *Glasgow Sunday Post* and *Belfast Evening Telegraph*.

LIFEGUARD PRODUCTS, LTD., 50 Thomas Road, London, E.14: Lifeguard disinfectant. Regular widespread advertising.

J. ALLEN RUBBER CO., LTD., Whitcroft, nr. Lydney, Glos: Marigold household gloves. In *Everybody's Illustrated Picture Post*, *News of the World*, *Smallwares, Homes and Gardens*, *Ideal Home* and women's magazines.

REMINGTON RAND, LTD., 1 New Oxford Street, London, W.C.1: Remington 60 dry-shaver. In all national mass-circulation papers and magazines. Filmlets showing nationally at nearly 1,000 cinemas.

ST. ANDREW MILLS, LTD., 34 St. Andrew Road, London, E.17: Andies. In national Press.

THOMAS KERFOOT & CO., LTD., Vale of Bardsley, Ashton-under-Lyne, Lancs: Vapex medicated rub. In publications appealing to women.

W. B. CARTWRIGHT, LTD., Rawdon, Leeds: Vitafort capsules. In national and provincial Press.

WILLIAM FREEMAN & CO., LTD., Suba-seal Works, Barnsley, Yorks: Hot-water bottles. In leading home and women's magazines throughout November and December.

### Booklets and Leaflets

ALLEN & HANBURY'S, LTD., London, E.2: "Bacterial Culture for Lucerne and Other Crops" (8-p. booklet).

DUFAY, LTD., Boreham Wood, Herts: "Shots in the Dark with Coroflash" (4-p. leaflet).

HILGER & WATTS, LTD., Hilger Division, 98 St. Pancras Way, Camden Road, London, N.W.1: "Accessories for Infra-red Spectrophotometry." Pp. 6. "Three-Metre Grafting Polychromator with Direct Photoelectric Recording to Spectrum Line Intensity." Pp. 10.

JOSEPH CROFELD & SONS, LTD., Warrington, Lancs. The Silicate Adhesives. Technical Publication No. 33 (40-p. booklet).

MACMILLAN CO., 10 South Audley Street, London, W.1: Technical and Business Books. 1954-55, pp. 60.

## C. & D. WEEKLY LIST OF PRICES

A=Advanced; R=Reduced; I.R.P.=Inclusive Retail Price; \*=Tax 25 per cent.; †=Tax 75 per cent.

CALMIC, LTD. [corrected note] I.R.P.

	Each	I.R.P.
Ferromyn tablets*	100 3 0	5 3 R
	1,000 26 0 R	

EVANS MEDICAL SUPPLIES, LTD. Aneurine hydrochlor. tablets

3 mgm. 100 2 2 3 3 R

500 8 2 12 3 R

1,000 15 0 22 6 R

10 mgm. 100 3 6 5 4 R

500 14 11 22 5 R

1,000 28 6 42 9 R

25 mgm. 100 7 2 10 9 R

500 33 2 49 9 R

100 12 2 18 3 R

Ascorbic acid tablets

5 mgm. 100 1 2 1 10 R

25 mgm. 500 6 5 9 8 R

1,000 11 6 17 3 R

50 mgm. 100 2 7 3 11 R

500 10 2 15 3 R

1,000 19 0 28 6 R

200 mgm. 100 7 5 11 2 R

LIFEGUARD PRODUCTS, LTD. Lifeguard disinfectant

0 10 A

1 4 A

1 10 A

Waterguard bleach

1 4 A

PARKE, DAVIS & CO., LTD. (from Nov. 8)

Crysto-Vibex tablets, 3 mgm. 100 3 3 R

1,000 22 6 R

Diamorphine hydrochloride hypodermic tablets

gr. 1/12 20 2 3 A

100 6 6 A

gr. 1/6 20 2 9 A

100 9 3 A

gr. 1/4 20 3 3 A

100 12 6 A

Folic acid tablets, 5 mgm. 25 4 9 R

100 17 6 R

### P.A.T.A. PROTECTED LIST

(Prices notified this week by the Proprietary Articles Trade Association.)

RYBAR LABORATORIES, LTD. (from Nov. 8)

Rybafom\* Doz. 12 0 2 0 A

THE BRITISH DRUG HOUSES, LTD. (from November 1)

Radiomalt 2 lb. 52 0 6 3 A

INTERNATIONAL LABORATORIES, LTD. (from Nov. 1)

Relaxa tablets\* 36 0 5 3

### NEW PRODUCTS AND PACKS

ALLEN & HANBURY'S, LTD. Doz.

Alficyctyn suspension 60 c.c. 132 0 16 6

CALMIC, LTD. [corrected note] Each

Ferromyn elixir\* 4 oz. 4 3 7 6

20 oz. 20 6

40 oz. 40 0

80 oz. 78 0

Ferromyn elixir B 4 oz. 4 6 6 9

20 oz. 21 6

40 oz. 42 0

80 oz. 80 0

COLGATE PALMOLIVE, LTD. Rapid-Shave\* 6 6

ELLERN PAPER CO., LTD. Jumbo toilet roll 0 6

EVANS MEDICAL SUPPLIES, LTD. (from November 3)

Doz.

Microban 500 gm. 108 0 13 6

RIKER LABORATORIES, LTD. Merbentyl syrup 4 oz. 6 6

20 oz. 22 0

Merbentyl syrup with phenobarbitone 4 oz. 8 2

20 oz. 30 4

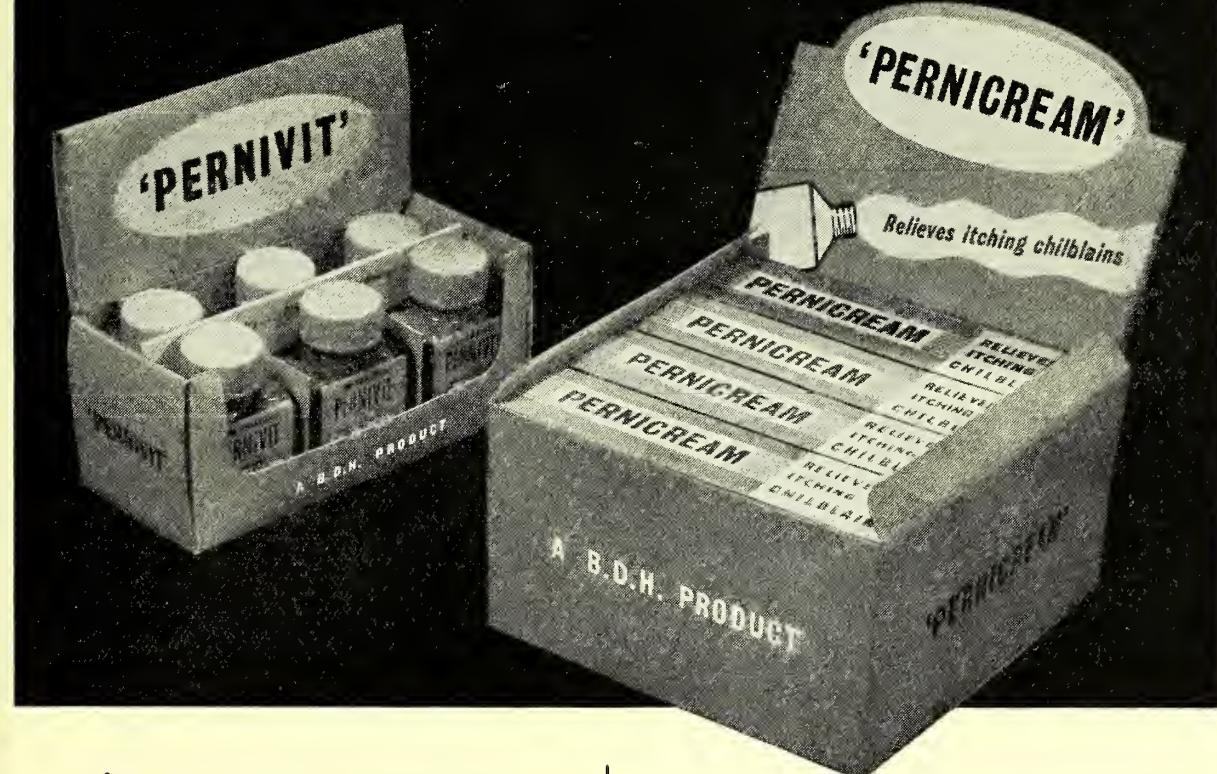
Kolantyl tablets 50 11 1

250 44 4

WILLIAM R. WARNER & CO., LTD. Peritrate and phenobarbitone tablets\* 50 31 0 4 6

500 50 9 0

# For companion sales when chilblains appear



be ready with  
**'PERNIVIT'**

TRADE MARK

widely accepted as a most effective oral treatment and a preventive against the subsequent reappearance of chilblains.

Pernivit tablets contain Acetomenaphthone B.P. 7 mg. and Nicotinic Acid B.P. 25 mg.

	Trade	Retail
Bottles of 50 tablets	2/-	3/-
" 500 "	13/-	19/6

(Exempt Purchase Tax)

and now with  
**'PERNICREAM'**

formulated to relieve, by local application, the itching and irritation of chilblains. A non-greasy preparation incorporating amethocaine, menthol and benzyl alcohol.

	Trade	Retail
Collapsible tubes	1/8	2/11

*Including Purchase Tax*

(Details of quantity discounts and  
bonus terms on application)

### Sales Aids

#### PERNIVIT

Display cartons containing 6 bottles.

#### PERNICREAM

Display cartons containing 12 tubes. A showcard size 8" x 6". Printed in colours to match the pack.

**Pattinson's**

REGISTERED BRAND PRODUCTS

- LIGHT & HEAVY MAGNESIUM CARBONATES B.P.
- LIGHT & HEAVY MAGNESIUM OXIDES B.P.
- MAGNESIUM OXIDE LEVISSIMA
- MAGNESIUM HYDROXIDE B.P.C.
- MAGNESIUM TRISILICATE B.P.
- CREAM OF MAGNESIA B.P.

*Our Research Division welcomes enquiries from any manufacturer with a problem in which any of the above products are concerned. Please write to our Sales Technical Department if you require fuller information.*

for the  
**PHARMACEUTICAL**  
**Industry**

**THE WASHINGTON CHEMICAL CO. LTD.**

*A member of the TURNER & NEWALL ORGANISATION*  
**WASHINGTON · CO. DURHAM · ENGLAND**

**NATIONAL FORMULARY**  
B.P. and B.P.C.

**PASTILLES**  
AND  
**LOZENGES**

*are always available  
in ample supply.*

**GIBSON'S SUPER QUALITY**

"MECCA" COUGH PASTILLES  
GIBSON'S CHOCOLATE WORM CAKES  
GIBSON'S LINSEED, LIQUORICE AND  
CHLORO. LOZENGES  
GIBSON'S SPECIAL CATARRH PASTILLES

**ROBERT GIBSON  
& SONS LTD.**

MANCHESTER & LONDON

**'SURCO'**

**SURGICAL ELASTIC  
HOSIERY**

SEAMED. SEAMLESS.  
TWO-WAY STRETCH.  
ELASTIC NET.

**SURGICAL BELTS  
TRUSSES AND SUNDRIES**

*Over 60 years' service of everything surgical*

**SURGICAL HOSIERY CO., LTD.**  
Russell Street, NOTTINGHAM  
Telephone No. 75903      Telegrams: Surgical Notts

**This winter  
LOTS MORE  
of your  
customers  
will be  
taking**



*and*  
on  
**ILFORD**  
**HP3**

*The world's FASTEST Roll Film*

ILFORD LIMITED · ILFORD · LONDON

Trade Showroom: 106/107 High Holborn · London · W.C.1 · Telephone: HOLborn 3401



Approved by the Family Planning Association for use in conjunction with a mechanical barrier.

## GYNOMIN

TRADE MARK

*The scientifically balanced antiseptic deodorant contraceptive—in tablet form.*

**COATES & COOPER LTD** *Pyramid Works,  
West Drayton, Middlesex*

### antacid

or

### antipepsin?

A new approach to the problem of peptic ulcer

It has been suggested by recent laboratory investigation that Bismuth carbonate, in adequate amounts, will inactivate pepsin at pH below 2.0. The inactivation of pepsin is desirable in the treatment of peptic ulcer, as it prevents auto-digestion of the breach in the gastric mucosa.

The so-called true antacids only inactivate pep in when the pH of the gastric contents rises above 4.4, and whilst pepsin inactivation is always desirable in some cases a marked antacid effect is not required.

Bismuth carbonate is unique in that it is indicated in all cases of peptic ulcer, either alone or in combination with one or more of the more powerful simple antacids:

WHEN THERE IS MARKED HYPERACIDITY

#### BISMUTH CARBONATE

WITH SUFFICIENT OF A SIMPLE ANTACID TO RAISE THE pH TO 3.5-4.0., is indicated.

WHEN HYPERACIDITY IS SLIGHT OR ABSENT

#### BISMUTH CARBONATE

ALONE, is indicated.

*Fully illustrated literature and samples for trial from*

**MINING & CHEMICAL PRODUCTS LTD**  
BISMUTH RESEARCH DEPT., 86 STRAND, LONDON, WC2

# GUIDANCE . . .

Guidance on methods of family planning is often welcome and does much to remove anxiety and promote a patient's mental and physical well-being. The modern contraceptive, GYNOMIN, inspires confidence with its high spermicidal efficiency. GYNOMIN is absolutely harmless to health, non-greasy and clean in application, and keeps perfectly in all climates.

#### SPECIAL QUANTITY DISCOUNTS MEAN EXTRA PROFITS

3 doz. tubes at 31/6 per doz. less 5%	
6 "	" " " " 7½%
12 "	" " " " 12½%
Retail price 3/6 per tube of 12 tablets.	

*Order from your wholesaler.*

Regular medical national publicity will bring increasing demands to your pharmacy. Medical literature available to pharmacists on request.

**COATES & COOPER LTD** *Pyramid Works,  
West Drayton, Middlesex*



### daily delivery

IN THE GREATER LONDON AREA

*A comprehensive service for the Pharmacist*



# BIOREX

BIOREX LABORATORIES LIMITED

Wholesale and Manufacturing Chemists  
47-51 EXMOUTH STREET, ROSEBURY AVENUE, LONDON, E.C.1  
Telephones: TERminus 9494, 5216-7

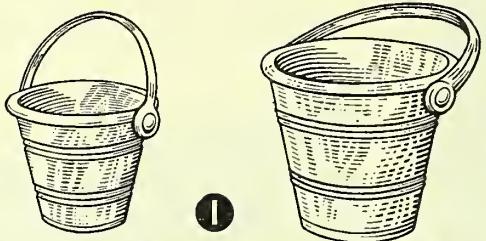
**Britton Malcolm & Co. Ltd.**

offer a most comprehensive range of N.H.S. Surgical Sundries. We specialise in instruments and appliances. Allow us the pleasure of assisting with your requirements and queries.

**38 Southwark Bridge Rd. S.E.1****Telephone: WATerloo 4874-6**

# CANNON RUBBER

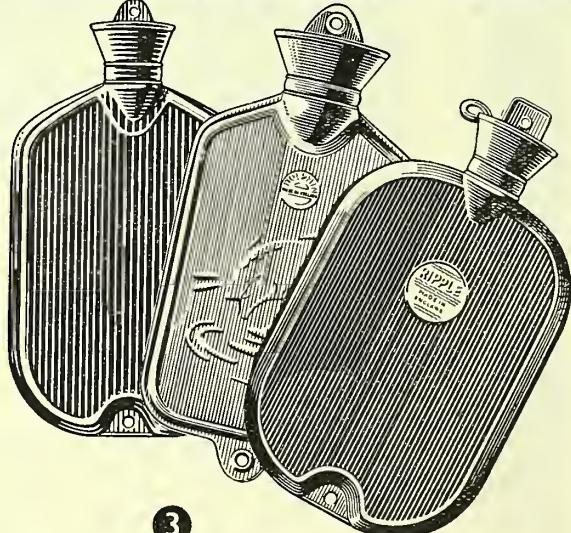
## QUALITY AND VARIETY



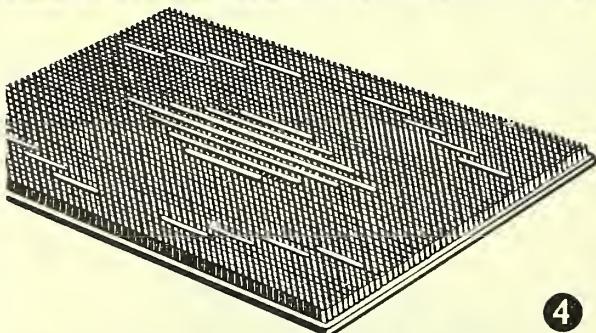
1



2

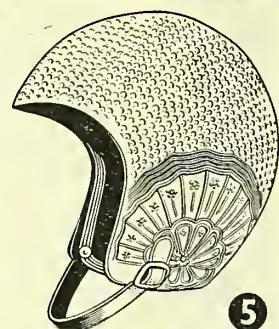


3

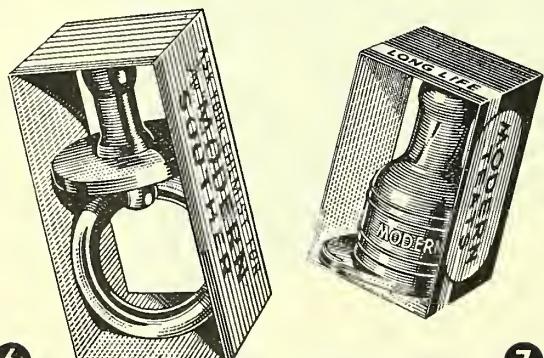


4

- 1 RUBBER BUCKETS
- 2 CHILDREN'S HOT-WATER BOTTLES
- 3 HOT-WATER BOTTLES
- 4 MULTI-PURPOSE MAT
- 5 BATHING CAPS
- 6 'MODERN' SOOTHER
- 7 'MODERN' TEAT



5



6

7

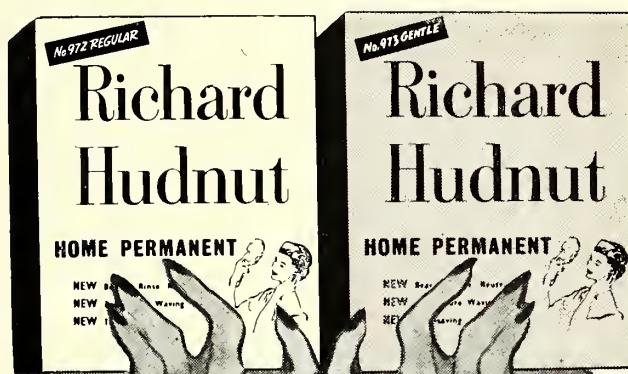
The family of Cannon Rubber products is always increasing. The range includes the world famous MODERN teats and soothers, the CAPITOL series of bathing caps and RIPPLE and DOLPHIN Hot Water bottles. Popular with children are the NOAH'S ARK ANIMAL and COTTAGE DOLL hot water bottles in novelty boxes. Cannon products give long, safe service and are made of the highest quality rubber.

**NEW!** Multi-purpose RUBBER MAT in green, blue, black or terra-cotta. Sturdy  $\frac{1}{2}$ -inch rubber brush pile;  $20\frac{1}{2} \times 14\frac{1}{2}$  inches. For car, kitchen, door and many other uses.

Also the colourful RUBBER BUCKET. Cannot rust nor scratch child or parent. Gives happy, lasting play-hours while its flexibility permits easy packing. Order now through your usual Wholesaler.

**THE CANNON RUBBER MANUFACTURERS LIMITED LONDON N17**

# Bigger than ever sales this Christmas with these 2 Richard Hudnut home perm kits



No. 972

*Regular*

In the yellow pack  
for normal and  
hard-to-wave hair.

and the new No. 973

*Gentle*

In the pink pack for  
easy-to-wave and dyed,  
tinted or bleached hair.

Remember—two kits, Regular and Gentle—  
when selling Richard Hudnut Home Perms for  
Christmas. May we also remind you that last year  
many retailers were embarrassed by having to say "Sorry,  
we're sold out of Richard Hudnut" right in the middle of  
the Christmas selling period. To avoid the rush of re-ordering at the  
last moment, why not order an extra large stock of Richard Hudnut  
Home Perms for this Christmas. Retail Price 9/-. List Price per doz. 48/6d.

# Richard Hudnut

Power Road, Chiswick, W.4. Telephone: CHIswick 6607

*The name that guarantees accuracy*

- CLINICAL THERMOMETERS
- HOUSEHOLD THERMOMETERS
- INDUSTRIAL THERMOMETERS



**G.H.ZEAL  
LTD**

LOMBARD ROAD • MORDEN  
ROAD • LONDON • S.W.19

Telephone: LIBERTY 2283 - 4 - 5 - 6 and 4201  
Cables: "Zealdom" London

*Enquiries invited for—*

**ASPIRIN and  
ASPIRIN TABLETS**

**BARBITURATES**

QUINALBARBITONE SODIUM   CYCLOBARBITONE   PHEMITONE  
BUTOBARBITONE   AMYLOBARBITONE   HEXOBARBITONE  
ALLOBARBITONE   PHENOBARBITONE   METHYLPHENOBARBITONE   ETC.

**OXYQUINOLINE  
and Compounds**

*Manufactured by:*

**PIERSON, MORRELL & CO. LTD.**

*THE ORIGINAL BRITISH ASPIRIN MAKERS*

Telegrams: Pierson Morrell Barnet   **BARNET, Herts.**

Telephone: BARnet 0723

# Prevent Damage to YOUR goods

when unpacked from tightly  
filled cartons — use a

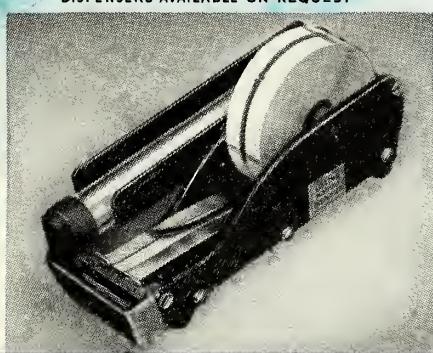


## LIFTING HANDLE

on the centre carton in  
each layer. Saves time  
and temper and pro-  
motes easier handling  
whilst being quick and  
inexpensive



DISPENSERS AVAILABLE ON REQUEST



Send for samples and full particulars  
or ask our representative to call.

### P. P. PAYNE & SONS LIMITED

HEAD OFFICE & FACTORIES  
HAYDN ROAD, NOTTINGHAM  
Phone: NOTTINGHAM 66648 (3 lines)

LONDON OFFICE & SHOWROOMS  
BUSH HOUSE, LONDON W.C.2  
Phone: TEMPLE BAR 5964 (2 lines)

MANUFACTURERS OF—PACKAGING TAPES • CARRY-PACK PARCEL HANDLES • PRINTED FABRIC GARMENT  
LABELS AND RIBBONS • GIFT TIME STATIONERY • PAYNEBRAND SELF ADHESIVE COTTON TAPES

ALL OUR PRODUCTS ARE ON DISPLAY AT THE LONDON SHOWROOMS • VISITORS INVITED

*Quality*  
in White Flint Glass  
Containers



**DISPENSING BOTTLES**

1-oz. to 20-oz.

**RIBBED OVALS**

$\frac{1}{2}$ -oz. to 16-oz.

**TABLET BOTTLES**

Nos. 1 to  $7\frac{1}{2}$  sizes.

**ROUND SCREW JARS**

Tall and Semi-squat.

**BOW-FRONT PANELS**

1-oz. to 8-oz.

**PANELLED FLATS**

1-oz. to 4-oz.

**VIALS**

$\frac{1}{2}$ -oz. to 3-oz.

**OLIVE OIL BOTTLES**

$2\frac{1}{2}$ -oz., 5-oz. & 10-oz.

WHOLESALE ONLY

*Bow-Front Panels now also available  
in 16 oz. size.*

TRADE  MARK

- Prompt delivery from stock
- Packed in easily handled cartons

**NATIONAL GLASS.  
WORKS (YORK) LTD.**

FISHERGATE, YORK. Tel. YORK 3021.  
ALSO AT 105 HATTON GARDEN, LONDON, E.C.1.

TEL HOLBORN 2146

*Calmic Preparations  
for E.C.10  
prescriptions*

- Modern medicine depends upon the independent manufacturing laboratory, with chemists carrying out research into new methods of treatment;
- devising economical means of production;
- meticulously controlling every phase of preparation.
- Calmic Limited of Crewe have established a world-wide reputation amongst members of the medical profession, who confidently prescribe Calmic preparations in every sphere of ethical practice.
- 

**FERROMYN**

Ferrous Succinate

**TABLETS**

This new iron preparation presents Ferrous Succinate, an organic iron prepared from succinic acid. For the treatment of all deficiency anaemias and particularly recommended for the anaemias of pregnancy.

**Formula:** Each tablet contains 150 mgm. Ferrous Succinate, providing 35 mgm. elemental iron.

**Packs:** Bottles of 100 tablets 3/- plus P.T. and 1,000 tablets 26/- plus P.T.

**ELIXIR FERROMYN**

For the treatment of Iron deficiency anaemias. **Formula:** Each teaspoonful contains 150 mgm of Ferrous Succinate = 35 mgm of bivalent iron.

**Dosage:** 1 or 2 teaspoonfuls taken three times daily or as prescribed.

**Prices:** 4 oz. 4/3, 20 oz. 20/-, 40 oz. 40/-, 80 oz. 78/-, all plus P.T.

**ELIXIR FERROMYN 'B'**

For the treatment of Iron deficiency anaemias accompanied by Vitamin B deficiency.

**Formula:** Each teaspoonful contains 150 mgm of Ferrous Succinate = 35 mgm of bivalent iron.

Aneurine hydrochloride 1 mgm, Riboflavin 1 mgm, Nicotinamide 10 mgm

**Dosage:** 1 or 2 teaspoonfuls taken three times daily or as prescribed.

**Prices:** 4 oz. 4/6, 20 oz. 21/-, 40 oz. 42/-, 80 oz. 80/-, all exempt P.T.

**HYPON TABLETS**

**Analgesic & Antipyretic**

Codeine, Phenacetin and Acetylsalicylic Acid with addition Caffeine and Phenolphthalein to overcome the side effects of constipation.

**Formula:** Acid Acetylsalicylic 40.22%, Phenacet. 48.00%, Caffein. 2.00%, Codein Phosph. B.P. 0.99%, Phenolphth. 1.04%, Excip. 7.75%, each tablet contains 8 grains.

**Packs:** 10, 50, 125, 250.

**Tax Free Dispensing Packs:** 600 34/11 each, 1,000 58/3 each.

**TABNET  
ALUMINIUM GLYCINATE**

**Amino and Antacid Therapy**

A new antacid and buffering agent for the medical management of gastro-duodenal ulceration.

**Formula:** Each tablet contains Dihydroxy aluminium aminoacetate 250 mgm., Glycine 30 mgm.

**Packs:** Bottles of 100 tablets 7/- each plus P.T. and 1,000 tablets 62/- each plus P.T.

**DRAPOLENE CREAM**

**For Napkin Rash**

An emollient cream for the treatment and prevention of Urinary Ammonia Dermatitis in infants and incontinent patients.

**Formula:** Benzalkonium Chloride 0.01%, in a water miscible base.

**Packs:** 2-oz. tubes 36/- doz. and 1-lb. and 3-lb dispensing jars 16/- lb.

**CEREVON**

Ferrous Gluconate

**TABLETS**

Indicated in the treatment of nutritional iron deficiency anaemias and the iron deficiency anaemias of pregnancy.

**Formula:** Each tablet contains 300 mgm. Ferrous Gluconate.

**Packs:** Bottles of 100 and 1,000 tablets

**Prices:** 100 tablets 3/2 plus P.T., 1,000 tablets 29/8 plus P.T.

**ELIXIR**

A haematinic compound utilizing the advantages of Ferrous Gluconate for the treatment of Microcytic Hypochromic anaemias.

**Formula:** Each teaspoonful contains Ferrous Gluconate 300 mgm., Aneurine Hydrochloride 1 mgm., Riboflavin 1 mgm., Nicotinamide 10 mgm.

**Packs:** Bottles of 4, 20, 40 and 80 fluid ounces.

**Prices:** 5/-, 24/-, 46/-, 90/-.

**CREWE**  
Telephone  
Crewe 3251-5

**CALMIC LIMITED**

**LONDON**  
2 Mansfield Street, W.I  
Telephone LANGham 8038-9

**Containers—  
with all fittings**

**Corrugated pull-through boxes**  
*with or without divisions, of course!*

**COMPRESSED PAPER PACKING LIMITED**

HORTON ROAD · WEST DRAYTON · MIDDLESEX · Tel: WEST DRAYTON 2237

## **BARIUM SULPHATE B.P.**

Bariform Brand Barium Sulphate for X-ray diagnoses is a fine white powder conforming to the B.P.

Designed for the preparation of barium meals, it has excellent suspensibility and extremely fine particle size.

It is also available as a rapidly dispersible paste.

## **HYDROGEN PEROXIDE**

10 and 20 volumes in bottles. A wide range of packs and labels available.



# **LAPORTE**

Laporte Chemicals Ltd., Luton. Tel.: Luton 4390 Grams: "Laporte Luton

## **"ZORBO"** (REG'D)

### **Superfine Cotton Wool**

This is a very old Trade Mark of ours and a product for many years in use by the Medical Profession and all those requiring a First Class Superfine Cotton Wool. Now packed in attractive white Cartons in various sizes and would be readily acceptable to your more exacting customers.

•  
Of course this is just one of our Manufactures. We also supply in Cartons all BPC Dressings in Cotton Wool, Lint and Gauze.

•  
Our Products are obtainable from Wholesalers, but should you have difficulty a line to us will have prompt attention.

**ROBERT BAILEY & SON, LTD.**  
SURGICAL DRESSINGS MANUFACTURERS  
DYSART STREET, GREAT MOOR, STOCKPORT  
Phone: STEPPING MILL 3006/7 Grams: "UNDISPUTED" STOCKPORT

TO ALL USERS OF GUM TRAGACANTH

Get the right

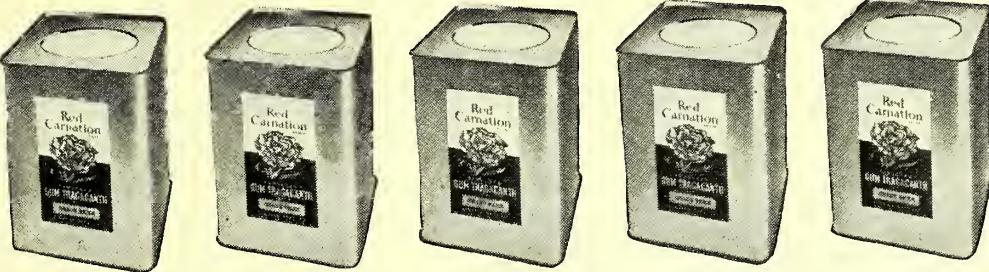


consistency



consistently

with



RED CARNATION

BRAND

POWDERED GUM TRAGACANTH

RED CARNATION Powdered Gum Tragacanth has certified viscosity, colour and fineness of powder. The variations and imperfections present in Gum Tragacanth in its natural state have been eliminated. After grading the different types of Gum, Kimptons carefully process it, ensuring that each of the four grades available has standard, unvarying characteristics. You can be sure that every consignment is identical (no need to analyse it before use!). You can also be sure that the Gum Tragacanth you receive will be fresh ; and because it is packed in airtight tins it will *stay* fresh.

WHOLESALE AGENTS FOR SMALL PACKS (4 oz., 8 oz. and 16 oz. tins)

SANGERS LIMITED • MAY, ROBERTS &amp; COMPANY, LIMITED • FRANCIS NEWBERY &amp; SONS, LIMITED

KIMPTON BROS. LTD. *Established 1882* 110 FENCHURCH STREET, LONDON, E.C.3 ROYal 5544 (5 lines)

*Keep them skipping fit Mother!*

with **EDME**  
**"Autumn Sun"**

EXTRACT OF MALT  
WITH COD LIVER OIL

*The finest protection for chills and ills*

**Have you seen  
THIS**

**new beautifully designed  
show card size 23' x 17'  
in 6 bright colours?**

Supplied with two side panels each 17' x 10 $\frac{1}{2}$ ' the whole making an attractive window display, or can be used separately as counter show cards.

**NOW IS THE TIME**

to make a window display and ensure a steady flow of repeat orders for "AUTUMN SUN," the Malt and Oil with the taking flavour.

*The complete set is FREE; ask our representative or write direct, sent post free.*

**EDME LIMITED**  
IMPERIAL HOUSE  
84-86, REGENT STREET, LONDON, W.1.  
Works: Mistley, Essex.

IN LONDON

**askit**

*stocked and supplied by :*

Allied Drug & Chemical Co., N.W.1  
Barclay & Sons Ltd.  
Brooks & Warburton Ltd., S.W.1  
Butler & Crispe Ltd., E.C.1  
R. Hovenden & Sons Ltd., E.C.1  
May, Roberts & Co. Ltd., N.16  
Wm. Martindale & Sons Ltd., W.1  
Sangers Ltd., N.W.1  
United Chemists Association Ltd.

*and other leading wholesale  
houses throughout the country*

ASKIT LTD., MANUFACTURING CHEMISTS, GLASGOW N.

*For acidosis...  
recommend*

*Rayner's  
Lembar*

*all the year  
hot or cold*



*Lemons  
Glucose  
Scotch Barley  
Sugar*

MADE BY RAYNER AND COMPANY LIMITED, LONDON, N.18



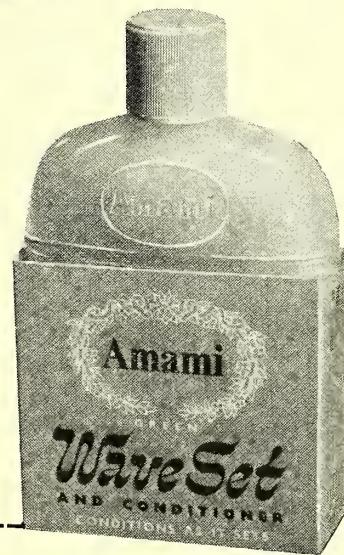
**BIG**  
**SALES STORY**  
**FOR THE**  
**BIGGEST SELLING**  
**WAVE SET**  
**OF ALL !**

**Amami WaveSet**  
 NOW CONTAINS A WONDERFUL CONDITIONER

The new Conditioner in Amami Wave Set is a big plus — an exciting extra that will mean a new high for sales. Amami Wave Set and Conditioner is a *double* beauty product. It sets hair to perfection and improves texture and looks at the same time. The Conditioner takes out tangles before combing, makes styling quicker, easier. It imparts a satin shine and softness to the hair, yet makes the set last much longer. And the price remains the same. Millions of women are reading this news in the National Press and Magazines. Capture their custom by your displays of Amami Wave Set and Conditioner—and order extra stocks now.

GREEN Wave Set for hair of normal texture.

AMBER Wave Set for easier-to-manage hair.



# Something they can trust

The public likes something reliable, something with dependable high quality. A faithful following is the public's response to trustworthy products that give real satisfaction. Such is the popularity of

## CUTICURA SOAP CUTICURA OINTMENT CUTICURA TALCUM POWDER CUTICURA SHAVING STICK

There is a growing circle of discriminating people who appreciate high quality and insist on these soothing, protective, fragrant, mildly medicated Preparations, for care of the skin. Just display one each of these eye-catching firm family favourites in your attractive window, and make sure this steady all-the-year-round business comes your way.

CUTICURA SOAPS, OINTMENTS AND SHAVING STICKS HAVE ALWAYS CONTAINED **CHLOROPHYLL**

325

Φ8

Sell  
only  
genuine



*Lastonet*

ELASTIC NET STOCKINGS

Real Lastonet stockings are always made to measure to ensure a perfect fit. Customers also prefer the feather-weight net which is cool, and stretches in all directions for firm even support. Lastonet discounts, too, are particularly generous! Send today for supply of measurement forms and display material to participate in this brisk trade.

\* Guaranteed for 6 months

\* Supplied with ordinary National Health prescription

LASTONET PRODUCTS LIMITED, CARN BREA, REDRUTH, CORNWALL

*Always made to measure*

HOME TRADE  EXPORT

## PSYLLIUM SEED SABADILLA SEED QUINCE SEED STAVESACRE SEED

and all other Botanicals, Gums,  
Waxes, Essential Oils and Spices

**JOHN KELLYS (LONDON) LTD.**  
**24 OLD BROAD STREET, E.C.2**

Telephone : LONDON Wall 4882, 6585 (3 lines)  
Telegrams : "Ergotine, Stock, London"

NEW YORK · HAMBURG



## **When your advice is sought.....**

*for an efficient dentifrice.*

In consistency, flavour and cleansing property, Phillips' Toothpaste meets all the needs of a first-class dentifrice. It can confidently be recommended to customers requiring a product of proved efficacy in keeping the teeth scrupulously clean and to bring out their

natural sparkle and beauty.

Phillips' Toothpaste possesses an advantage which may be claimed by no other dentifrice, it incorporates 'Milk of Magnesia' which neutralizes on contact the mouth acids which are a predisposing cause of dental decay and gum irritation.

# **Phillips' DENTAL MAGNESIA REGD. Toothpaste**

*The other Phillips' Proven Products are:—*

### **'Milk of Magnesia' REGD.**

Of unsurpassed efficacy in the treatment of a wide variety of conditions associated with gastric acid disturbances.

### **'Mil-Par' REGD.**

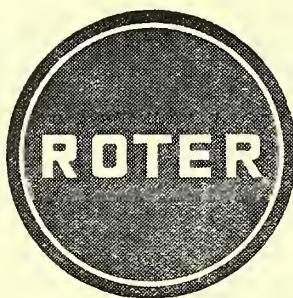
A genuinely mild evacuant ideally suited for administration to young infants, the enfeebled, sick or elderly.

### **'Milk of Magnesia' Tablets REGD.**

Particularly valuable to the chronic or casual sufferer from dyspepsia and acid indigestion. Pleasantly mint flavoured.

### **'California Syrup of Figs' REGD.**

Compounded from the natural extracts of senna and figs. A gentle yet efficacious laxative for family use.



## *tablets—*

*for gastritis and peptic ulcer,  
both chronic and acute.*

Particularly indicated for the effective treatment of peptic ulcer cases of long standing and those refractory to other types of therapy; also for cases of post-operative relapse and recurrence.

PACKINGS

			<i>Retail price including P.T.</i>
Trial size	.. .. ..	40 tablets	7/2d.
Standard size	.. .. ..	120 "	20/7d.
Full treatment size	.. .. ..	640 "	103/-d.
Dispensing Packs	.. .. ..	720 "	P.T. exempt

*Stocked by all principal wholesale houses.*

**F.A.I.R. LABORATORIES LTD.**

179 HEATH ROAD · TWICKENHAM · MIDDX

Phone: POPesgrove 2028.

★  
Attractive display  
material available  
on request

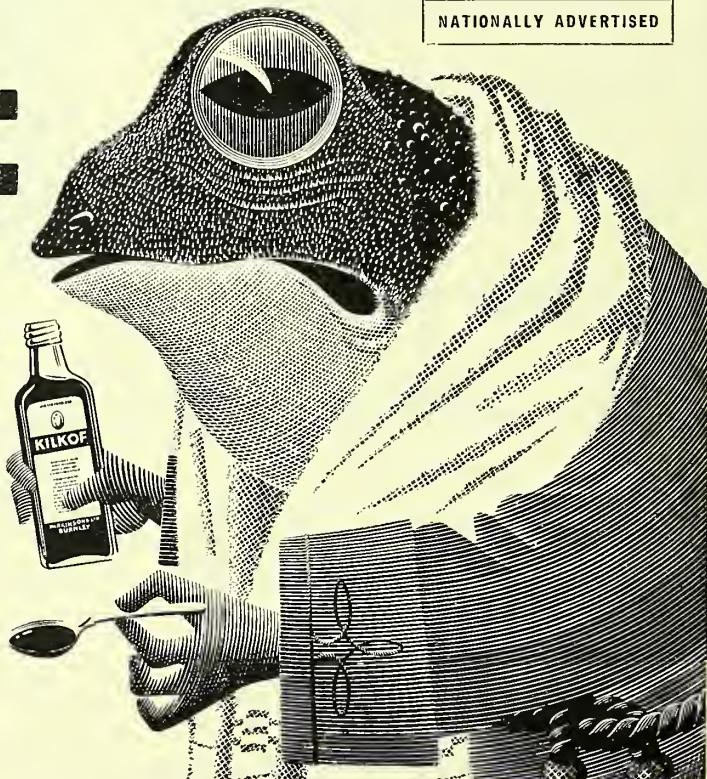
He's out to sell  
**KILKOF**  
and  
**KILKOF KONES**  
—are **YOU?**

NATIONALLY ADVERTISED

Generous profits. Backed by nation-wide advertising in press and magazines. Apply now for window transfers.

**PARKINSONS LTD. BURNLEY**

*Manufacturing Chemists*



# *A new sales maker from I.C.I.*

## **'Savlon'**

a popular antiseptic cream containing 'Cetavlon'



'Savlon' is a new antiseptic cream containing as its active constituent the well-known quaternary ammonium compound—'Cetavlon'.

Designed to appeal to a wide section of the public, 'Savlon' can be recommended by the pharmacist with full confidence in its efficiency and safety for a great variety of uses including first aid treatment of wounds,

cuts and burns, treatment of common skin complaints, care of the hands, prevention of napkin rash, etc.

Every customer is a potential user of this modern all-purpose cream which is on sale only through the pharmacy.

Retail price 2/6d. per tube.

Trade price 1/9d. per tube.

**LINK UP WITH THE NATIONAL ADVERTISING BY  
SHOWING THE DISPLAY BOX ON YOUR COUNTER**

Large advertisements are appearing in  
**DAILY HERALD, DAILY MAIL, DAILY  
MIRROR, NEWS of the WORLD,  
PEOPLE, SUNDAY PICTORIAL,  
READER'S DIGEST, WOMAN'S WEEKLY,  
WOMAN'S OWN, JOHN BULL,  
GLASGOW SUNDAY POST, AND  
BELFAST EVENING TELEGRAPH.  
FULL POINT-OF-SALE SHOW  
MATERIAL IS AVAILABLE.**

**IMPERIAL CHEMICAL (PHARMACEUTICALS) LTD., WILMSLOW, MANCHESTER**

*A subsidiary company of Imperial Chemical Industries Ltd.*

Ph. 483



AMERICAN OIL  
of PEPPERMINT

THE  
H. G. HOTCHKISS  
ESSENTIAL OIL CO.

Established 1839

LYONS, WAYNE COUNTY, N.Y.,  
U.S.A.

Standard for Quality  
for 115 Years

Bulk suppliers of . . .

**DISINFECTANTS  
& ANTISEPTICS**

- CARBOLIC FLUIDS  
Black and White types  
with Co-efficients 2 to 24
- APPROVED FLUIDS  
(Under the Diseases of  
Animals Acts)
- PINE FLUIDS
- AROMATIC FLUIDS
- LYSOL B.P.
- LIQUOR—  
CHLOROXYLENOLIS B.P.

Packed in 1, 5, 10 and 40 gallon drums

**THE PRINCE REGENT TAR CO. LTD.**

BRETTENHAM HOUSE, LANCASTER PLACE,  
STRAND, LONDON, W.C.2

Telephone: TEMPLE BAR 5801 (8 lines)

Also at:—PRINCE REGENT'S WHARF,  
SILVERTOWN, LONDON, E.16

Telephone: ALBERT DOCK 3311

**"ROADMASTER"  
NIGHTDRIVING GLASSES**

—the new accessory that  
every Motorist wants!

Manufacturers: **FISH OPTICAL CO. LTD.\***  
McNeish House, 261 HARROW ROAD, LONDON, W.2  
Tel.: CUNNINGHAM 8318 & 8267

★Makers of the world-famous 'SUNGARD' Sunglasses



WE WANT MILLAMALT



Sole Manufacturers:

JEFFREYS, MILLER & CO. LTD., Leyland Mills,  
Wigan. (London department: 19 Brookside Rd. N.19)

BECAUSE OF THE BUTTERSCOTCH FLAVOUR

**TANNIC ACID  
AND DERIVATIVES**

**THE BRITISH DYEWOOD COMPANY LIMITED**  
19 St. VINCENT PLACE, GLASGOW C1

# PERRY'S NEW FORMULA' INFANT POWDERS



PERFECTLY SAFE FOR  
BABIES AND CHILDREN  
DO NOT CONTAIN  
CALOMEL OR POTASH  
PERRY'S POWDERS, LEEDS



## DICTIONARY OF SYNONYMS

For the pharmacist and his staff.  
Contains over 7,000 synonymous terms.

5/4 POST FREE

**The Chemist and Druggist**  
28 ESSEX STREET, LONDON, W.C.2

**SURE-SELLING STOCK!**

OVER 150 YEARS REPUTATION

## KEARSLEY'S

THE ORIGINAL  
WIDOW WELCH'S FEMALE PILLS

Over 10d BOX PROFIT by ordering 1 dozen  
4/1 size. Bonus given on every dozen (13)  
It pays to push this size.

C. & G. KEARSLEY LTD.  
71 DARTMOUTH ROAD, LONDON, S.E.3

Established 1787  
in the Reign of  
King George III

**Wimzo** ALWAYS MEANS  
CLEAN HANDS  
ASK YOUR WHOLESALER, OR WRITE:  
WIMSOL LTD., KEIGHLEY, FOR TERMS

## 'Harley' Quality Products



BOTH  
SELL FOR  
1/-

Manufactured by  
**HAROLD WESLEY**  
HARLEY MILLS LONDON, N.W.10

## WILES CAT FOOD

PRICE DOWN  
QUALITY UP!

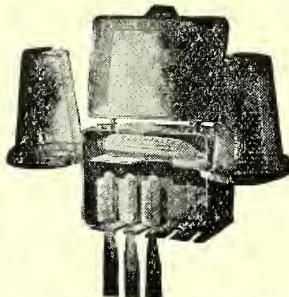
A quick selling line with  
a generous profit margin

RETAILS AT **6<sup>1</sup>/<sub>2</sub>** D. per can.

PRICES ON APPLICATION

C. WILES LTD. WOODMANSEY, BEVERLEY, E. YORKS

## A NEW 'HYGENE' BEST-SELLER!



THE FIRST AND ONLY  
PERFECT CABINET FOR  
STORING TOOTH-PASTE  
AND BRUSHES, INCOR-  
PORATING SPACE FOR A  
TUMBLER AT EACH END.  
IN GREEN OR IVORY  
PLASTIC, IT RETAILS AT A  
VERY LOW PRICE AND IS  
BACKED BY ADVERTISING.  
YOU SHOULD STOCK  
THIS NOW!

For full details of this and  
other attractive 'HYGENE'  
products, write to manu-  
facturers:—

PROGRESSIVE NOVELTY INDUSTRIES (M/c) LTD.  
PROGRESS HOUSE, 111 GEORGE LEIGH STREET, MANCHESTER, 4

CW/2759

## BURNSIDE'S EUCALYPTUS OILS

Distilled in Australia by the largest distillers and refiners of Eucalyptus Oils  
in the world.—W. K. BURNSIDE, PTY., LTD., MELBOURNE, AUSTRALIA

80/85% Rectified B.P.  
Oil Euc. Dives 40/45%  
Phellandrene

70/75% Rectified B.P.  
Piperitone 90/95%  
Oil Euc. Phellandra

UNIFORMITY OF QUALITY

CONSISTENCY OF ODOUR

Agents for U.K.: **WILSON & MANSFIELD, LTD., 15 Philpot LANE, LONDON, E.C.3**  
Phone: MANSION HOUSE 9264-5-6

(WHOLESALE ONLY)

Grams: WYFIELD, LONDON

Revolutionary New

**PALMOLIVE**

# Rapid-Shave

BRINGS YOU BIGGEST PROFITS EVER ON SHAVING PREPARATIONS!

Amazing new Palmolive Rapid-Shave makes shaving quicker, smoother, cleaner than ever before! And to launch Rapid-Shave there's the *biggest advertising campaign a shaving product ever had!*

Palmolive Rapid-Shave offers you top profits. So give front counter space to the sell-out container . . . and cash in on this big advertising!



### A Gift at Christmas Time!

Palmolive Rapid-Shave in the gay Christmas pack is the perfect present for men. And we're telling the public so in special Christmas advertisements. Make sure you have big stocks of Rapid-Shave in the Christmas pack. Show the special Christmas display material in your shop.

**Stock and Display Palmolive Rapid-Shave**

**The Top-Profit Shaving Product**

*The*  
  
**CHEMIST AND DRUGGIST**  
**CLASSIFIED ADVERTISEMENTS**

Supplement

28 ESSEX STREET, STRAND, LONDON, W.C.2

**ORRIDGE & COMPANY**

**CHEMIST BUSINESS TRANSFER AGENTS AND VALUERS**

**BRANCHES: BIRMINGHAM · SOUTHAMPTON · LIVERPOOL · SHEFFIELD · CARDIFF**

**Irish Representative: Mr. J. A. Bassett, Ph.C., 57 Great Victoria Street, Belfast, Northern Ireland. Tel.: Belfast 27078**

**PREMISES FOR SALE**

17/6 for 36 words (min.) then 4d. per word.  
Box 2/-

**VACANT SHOP**, main road Battersea, S.W.8, with upper part let £100 per annum. Freehold £1,500. Existing mortgage. Box C 1889.

**PREMISES TO LET**

**SOUTHGATE**: Main-road position, close Oakwood tube station (Piccadilly Line), lock-up shop to let, suitable for chemist; rent £200 per annum rising to £225; premium £500. Barnard Cook, facing tube station, Oakwood, N.14, Barnet 4000. C 1883

**TO LET — LOCK-UP SHOPS**

Modern Housing Estate  
North Liverpool.  
Rent: £500 p.a. plus rates  
(Vacancy for Chemist)  
Full particulars apply H. H. & J. Robinson, 42 Castle Street, Liverpool, 2 (Cen. 6727). C 1890

**BUSINESSES FOR DISPOSAL**

17/6 for 36 words (min.) then 4d. per word.  
Box 2/-

**BRIGHTON DRUG STORE**. Working-class area. Freehold, including stock and fittings. First-class living accommodation, modern bathroom. All main services. Must sell owing to bereavement. Immediate settlement only, at £1,775. Spenfords, 82 Gloucester Rd., Brighton, C 1897

**ENFORCED SALE** due to illness. N.E. industrial area. Average net profit last three years £1,100, after wife's wages £130. Fixtures and stock at valuation. Offers invited. Apply Middleton & Co., Ltd., wholesale chemists, Boundary Road, Middlesbrough. C 7746

**APPOINTMENTS**

18/- per half-inch (min.) and pro rata.  
Box 2/-

**EASTBOURNE HOSPITAL  
MANAGEMENT COMMITTEE,  
ST. MARY'S HOSPITAL**

Dispensing Assistant

required, male or female, with reasonable experience in dispensing. Apothecaries' Hall Certificate, or equivalent qualification, an advantage, but not essential. Salary according to age, within range of £240 per annum at 20 years, rising by annual increments to £435 per annum. Applicants aged 22 years or over commence at £335 per annum. Additional £15 per annum for a recognised qualification.

Applications, in writing, with the names of two referees connected with employment as dispenser, to the Hospital Secretary, within seven days of the appearance of this advertisement. C 7743

**184 STRAND, W.C.2**

Tel.: TEMple Bar 9212/3 & 6340

**WHOLESALE AND RETAIL**

**Irish Representative: Mr. J. A. Bassett, Ph.C., 57 Great Victoria Street, Belfast, Northern Ireland. Tel.: Belfast 27078**

**NOTTINGHAM No. 1 HOSPITAL  
MANAGEMENT COMMITTEE**

Pharmacist

Also Assistant in Dispensing

Applications are invited for the appointment of pharmacist at the Highbury Hospital, Nottingham, to commence duties as soon as possible. Salary £450 x £25—£575 per annum plus extra qualification allowance where applicable.

Salary and conditions of service in accordance with the Pharmaceutical Whitley Council Regulations.

Applications are also invited for the post of Assistant in Dispensing at the Highbury Hospital, Nottingham, duties to commence as soon as possible. Salary age 22 £335 x £15(1) x £10(1) x £15(2)—£435 per annum, plus £15 per annum if holding the appropriate extra qualification allowance. Previous hospital experience desirable, but not essential. Preference will be given to holders of the Apothecaries' Hall Certificate. Salary and conditions of service in accordance with the Professional and Technical Council "B" Regulations.

Applications for these posts stating age, qualifications and experience, together with the names of two referees to be sent as soon as possible to the Group Secretary, General Hospital, Nottingham. C 7628

**ST. BERNARD'S HOSPITAL FOR  
NERVOUS AND MENTAL  
DISORDERS,**

**SOUTHALL, MIDDLESEX**

Assistant in Dispensing

required. Must have had commercial or hospital experience. Salary aged 21—£280 per annum; aged 22 or over—£340 per annum (inc. London Weighting), rising to £445 per annum, plus £15 per annum for approved certificates. Applications, with full details of age, experience, and names of two referees, to the Secretary. C 7745

**SUNDERLAND TECHNICAL  
COLLEGE**

Principal: D. A. Wrangham, M.Sc.(Lond.), Sen.Wh.Sc., D.I.C., A.C.G.I., M.I.Mech.E. Applications are invited for the post of Assistant Lecturer (Grade B) in Pharmaceutics in the Pharmacy Department.

Candidates should be graduates in Pharmacy, or hold an equivalent qualification.

The successful candidate will be required to teach Pharmaceutics to the standard required for the examinations of the Pharmaceutical Society, and will also be encouraged to undertake research work, for which excellent facilities are available.

The salary will be in accordance with the Burnham Technical Scale:—

Men ..... £525 x £25 to £820

Women ..... £475 x £20 to £655

plus allowances for training and degrees.

The successful candidate will be required to commence duties as soon as possible. Further particulars and Forms of Application may be obtained from the Registrar, The Technical College, Sunderland, co. Durham.

Applications should reach the undersigned before November 27, 1954. Canvassing will be a disqualification.

W. THOMPSON,  
Director of Education  
Education Offices,  
15 John St.,  
Sunderland, co. Durham. C 7740

**THE HOSPITAL FOR SICK  
CHILDREN,**

**GREAT ORMOND STREET,  
LONDON, W.C.1**

Pharmacist

Applications are invited for the post of pharmacist at this hospital. Salary within the Pharmaceutical Whitley Council Scale (£450 x £25—£525) plus London Weighting, £25 for recognised higher qualification. Apply by letter to Chief Pharmacist. C 166

**WEST HAM GROUP HOSPITAL  
MANAGEMENT COMMITTEE,  
STRATFORD, E.15**

Deputy Chief Pharmacist

for Queen Mary's Hospital for the East End, E.15. (Category IV.) Whitley Council salary and conditions: £575 x £25—£675 per annum plus London Weighting. Applications to Group Secretary, West Ham Group Hospital Management Committee, Stratford, E.15, by November 20, 1954. C 7751

**WHITTINGTON HOSPITAL,  
LONDON, N.19**

Locum Tenens Pharmacist

required, 16 gns. per week. Post vacant immediately. Apply Secretary, Archway Group H.M.C., 64 Cholmeley Park, N.6. Telephone: Arc. 3070 (Ext. 8). C 7754.

**SITUATIONS OPEN**

8/6 for 36 words (min.) then 3d. per word.  
Box 2/-

The engagement of persons answering these advertisements must be made through a Local Office of the Ministry of Labour or a Scheduled Employment Agency if the applicant is a man aged 18-64 inclusive or a woman aged 18-59 inclusive unless he or she, or the employment, is excepted from the provisions of the Notification of Vacancies Order, 1952.

**RETAIL (HOME)**

**ASSISTANT PHARMACIST**, male or female required immediately, good supporting staff. Permanency with possibility of a management. Apply, G. W. Hales, 1 Tacket Street, Ipswich. Telephone: Ipswich 2136. C 1880

**BIRMINGHAM**. Male or female dispensing and/or counter assistant required for busy main road pharmacy. Congenial, permanent post. Pension scheme in operation. Please forward particulars stating salary required to: The Manager, C. L. Highfield, Ltd., 228 Soho Road, Handsworth, 21. C 1854

**CENTRAL LONDON**. Young lady assistant required for toilet department in good class pharmacy. Permanent position with good progressive salary. Saturday half-day. Apply stating age and details of experience to Box C 7637.

**'UNISEC'** from the Single  
Unit to the Complete Pharmacy  
WRITE FOR YOUR COPY OF THE STANDARD  
REFERENCE OF PHARMACY FITTING

**MYERS of OLD ST.**  
133/5 & 141/7 OLD STREET, LONDON, E.C.1

## IMPORTANT

Box Office numbers are intended exclusively for specific answers to particular advertisements. Price Lists, Trade Circulars, Samples and Printed Matter cannot be forwarded.

### Situations Open—Continued

**DONCASTER CO-OPERATIVE CHEMISTS, LTD.**, require the services of three pharmacists (male or female). Two as branch managers, one as relief branch manager, 44-hour week; minimum salary £780, plus rota pay, etc. There is living accommodation for one branch manager. Applications, giving usual details, to Secretary, Doncaster Co-operative Chemists, Ltd., St. Sepulchre Gate, Doncaster. C 199

**ILFORD.** Pharmacist required to manage expanding branch close to busy main-line station. Up-to-date dispensary and excellent supporting staff. Self-contained flat available within easy distance of the branch. Attractive salary and bonus scheme. Apply with full details stating when available for interview to Box C 1902.

**IPSWICH.** Pharmacist manager required for branch shop. Good salary offered, with excellent prospects, permanency. Living accommodation available away from business if required. All details to G. W. Hales, 1 Tacket Street, Ipswich. Telephone: Ipswich 2136. C 1879

**LADY ASSISTANT**, experienced for cosmetic and perfumery counter, full or part-time. Good wage. Niman's Chemists, Ltd., 70 Tottenham Court Road, W.1. Tel.: Museum 7094. C 1913

**LIVERPOOL.** Qualified manager required for new pharmacy on new housing estate. Salary £832 per annum for a 44-hour week, No Sunday or half-holiday duties; full staff including dispenser. Apply to Managing Director, Metcalfe & Co., (Liverpool), Ltd., 34 Landford Avenue, Liverpool, 9. C 1865

**LIVERPOOL AREA.** Private firm offers outstanding prospects to two pharmacists to take up management of new pharmacies on a good salary and share of profits. Excellently fitted shops, full support with stock and staff. Possibility of accommodation if required. Pension arrangements under consideration. Please give relevant details in your reply. Box C 1911.

**NORTH LONDON SUBURB.** Pharmacist required to manage spacious well-fitted branch with substantial counter trade. Good opportunity for ambitious man to earn top salary together with monthly bonus and rota duty payments. Accommodation available if required or assistance given in house purchase. Superannuation benefits, etc. Apply with full details stating when available for interview to Box C 1901.

**PHARMACIST REQUIRED** December for attractive market town pharmacy in Herefordshire. Busy dispensing and counter trade. Good supporting staff. Permanent engagement with good prospects. Apply with full details, stating when available, Corn Square Pharmacy, Ltd., Corn Square, Leominster, Tel.: 167. C 1910

**YOUNG LADY**, preferably with Hall certificate, but not essential, required for dispensing duties only. State age, experience and salary wanted in first letter please, Cannon and Collins, 31 Boscombe Street, Truro, Cornwall. C 1904

### WHOLESALE

**A REALLY GOOD** representative required for Leicestershire, Northamptonshire and Bedfordshire area for nationally advertised proprietary lines selling to best grocers and chemists. Substantial salary, bonus, expenses, and car allowances, also most valuable pension and life insurance scheme. Our own representatives know of this advertisement. Full details of experience, etc. Box C 7750.

**A VACANCY** exists for a young pharmacist desiring a commercial career. Applicants can take position of assistant manager, home sales, after short training period, on full salary. Company pension scheme, 5-day week. Applications should be made in writing to HAC/CMH, The British Drug Houses, Ltd., Graham Street, City Road, N.1. C 7755

**A VACANCY EXISTS** for a qualified man possessing imagination and original thought to act as head of a new section in the research unit of Menley & James, Ltd. Applicants should have a sound theoretical knowledge of physical chemistry in relation to pharmaceutical problems and some research experience. A good knowledge of all aspects of tablet coating an advantage. Attractive pension scheme with congenial working conditions and good canteen facilities. Applications to Chief Chemist, 120 Coldharbour Lane, London, S.E.5. C 7748

**ALLIED LABORATORIES, LTD.**, invite applications for the position of medical representative for the territory comprising the Bristol area. Previous experience is not an essential qualification but applicants should possess a sound modern therapeutic background, reside on and know the territory well. The position is a progressive and pensionable one. Remuneration is by way of salary, commission and expenses. Write in first instance to Sales Manager, Allied Laboratories, Ltd., 140 Park Lane, W.1. C 7725

### ANALYTICAL CHEMIST

Manufacturing Chemists in Birmingham require an Analytical Chemist (male or female). Modern conditions in new building. Permanency and good prospects. Write full particulars to: Southall, Bros. & Barclay, Ltd., Priory House, Gooch Street, Birmingham, 5. C 7747

**ANALYST**, B.Pharm. or Ph.C. required as assistant by old-established firm of analysts London, S.E. Previous analytical experience not essential. Apply Box C 1905.

**APPLICATIONS INVITED** for representatives with personality and initiative to cover several areas including London, Kent, Surrey, Sussex and Hants, and Yorkshire. Consideration given to those desiring joint representation with their present House. Candidates should be car owners with established connections. The positions provide real scope and inducement to men with keenness and ability. Write in first instance giving fullest confidential particulars, A. E. Stannard, Ltd., Fleet, Hampshire. C 1900

**BACTERIOLOGIST** with university degree wanted to take charge of laboratory producing veterinary vaccines and sera. Must be experienced in laboratory techniques and have had at least two years practical experience. Knowledge of veterinary work an advantage but not essential. Box C 7704.

**COSMETIC CHEMIST** required to undertake responsibility for analyses, quality control and research in association with international companies. Laboratories in the Reading area. Write, giving details of experience and age, to Box C 7741.

**MAY & BAKER, LTD.**, Dagenham, Essex, invite pharmaceutical graduates within the age group 25-32 to apply for a responsible and progressive position in an Export Sales Division covering Commonwealth countries. This position offers to applicants with sound and varied pharmaceutical experience an opportunity to graduate to senior sales executive status. Initiative and enthusiasm for this type of work are among the qualifications required. There is a contributory pension scheme. Apply initially in writing giving full particulars of qualifications and experience to the Personnel Officer, quoting ref. No. 33. C 7760

**EDWARD TAYLOR, LTD.**, of Monton, Eccles, nr. Manchester, manufacturers of medical and surgical adhesive bandages, plasters and dressings, desire to appoint a sales manager with a view to a directorship on proved ability. Must be a capable organiser with ability to control outside representative staff; a knowledge of publicity; fully experienced in sales and propaganda to hospitals, doctors, wholesale chemists and pharmacists, and a knowledge of overseas markets. The position will carry a substantial salary to a first-class man. Replies stating age, experience, present employment, salary expected and other details should be addressed to the chairman, and will be dealt with in strict confidence. C 1866

**EVANS MEDICAL SUPPLIES, LTD.**, have vacancy for a representative to call on chemists in Liverpool. 5 years' experience of pharmacy essential. Age 25-35. Car provided. Pension scheme in operation. Apply Chemist Sales Manager, Evans Medical Supplies, Ltd., Speke, Liverpool 19. C 7737

**EVANS MEDICAL SUPPLIES, LTD.**, have a vacancy for a young trainee representative. Successful applicant would be required to spend up to 2 years in the sales department prior to being allocated a territory. Age not over 25 years. Pension scheme in operation. Apply, giving full particulars of experience, etc., to Chemist Sales Manager, Evans Medical Supplies, Ltd., Speke, Liverpool 19. C 7738

**FIRST-CLASS EXPERIENCED** medical representatives required for all areas, to call on doctors, hospitals and wholesale and retail chemists. Opportunity to earn up to £2,000 per annum. Commission basis only. Applications with full details to Box C 1888.

**INNOXA (ENGLAND), LTD.**, invite applications from representatives experienced in selling cosmetics to chemists and stores, for a post in Lancashire area. Full details of age, experience and if car owner to: Sales Manager, 1 Eden Street, London, N.W.1. C 1893

**LABORATORY SUPERVISOR** for South-east London manufacturing chemists. Excellent working conditions and prospects for capable man. Five-day week, Canteen. Easy access main railways. Box C 1844.

**MEDICAL REPRESENTATIVE** aged 25-35 required to call on doctors, dentists and hospitals in the South Midlands. Apply giving details of past experience, etc., to Pharmaceutical Manager, Reckitt & Colman, Ltd., Hull, Yorks. C 1892

**MEDICAL REPRESENTATIVES**: Sandoz Products, Ltd., invite applications from young men for the immediate appointment of medical representatives in the following areas: (a) Bristol, including Gloucestershire, Somerset, Devon and Cornwall; (b) South Wales, including South Welsh Counties and Herefordshire; (c) North West Glasgow and North Western Scotland; (d) Oxfordshire, Berkshire, Buckinghamshire and Northamptonshire; (e) Dorset, Hampshire and Wiltshire. Attractive salary; superannuation scheme in operation. Thorough training given. Age not exceeding 28. Applicants should be pharmacists (preferably F.P.S.). Please send full details of age, education, qualifications and experience, with photograph. Staff Manager, Sandoz Products, Ltd., 134 Wigmore Street, London, W.1. C 7689

**MIDDLESEX**, Pharmaceutical manufacturer requires a Tablet Maker with experience of all types of modern plant. Pension scheme, canteen facilities and 5-day-week. Full particulars please to Box C 1881.

**PROCESSOR**, either sex, with experience, required for sterile solution department, also processor accustomed to manufacture of ointments and emulsions. Apply Biorex Laboratories, Ltd., 47/51 Exmouth Street, E.C.1. Phone: Terminus 5216. C 7752

**LLOYD-HAMOL LIMITED**

require medical representatives to call on doctors and hospitals, in the following territories:—

- (1) East Lancashire (Manchester);
- (2) West Lancashire (Liverpool);
- (3) North London.

The positions offer the opportunity of joining a recently formed British-controlled company, which has the support of a research organisation of international repute. An attractive salary, and all out of pocket expenses will be paid; there is a bonus scheme. Applicants, who must be experienced, are invited to write for interview to K. J. Knight, 11 Waterloo Place, London, S.W.1.

C 7728

**Situations Open—Continued**

**PHARMACEUTICAL ADVERTISING.** Gentleman with sound experience all aspects ethical advertising, sales promotion, required, North London. Salary £750-£850. Apply Box C 7739.

**PHARMACIST OR CHEMIST** required as head of department covering manufacture of tablets, ointments, suppositories and powders. Applicants with at least five years experience in pharmaceutical industry are preferred. This appointment will carry a four-figure salary. Details of age, qualifications, experience and present appointment should be forwarded to Works Manager, Lederle Laboratories Division, Cyanamid Products, Ltd., Hirwaun Trading Estate, Glamorgan. C 7759

**REPRESENTATIVE** to take fast-selling imported Perlon shaving brushes as additional line. Very competitive. All territories, commission only. Apply Box C 1887.

**REPRESENTATIVE REQUIRED** by West Yorkshire concern of manufacturing chemists covering the following areas; North-east Yorkshire, Durham and South of Northumberland. Pensions scheme available. Applicant must reside in the area. Reply in own writing, stating experience and salary required to Box C 7736.

**STERILE UNIT** now being equipped for the manufacture and filling of sterile antibiotic and other injectable products will require qualified departmental head preferably with some years industrial or hospital experience. Good salary and prospects. Please reply to: Works Manager, Lederle Laboratories Division, Cyanamid Products, Ltd., Hirwaun Trading Estate, Aberdare, Glamorgan. C 7758

**SOUTH LONDON.** Representative required by manufacturing chemists to carry a few proprietary lines on generous commission basis. Established connection will be handed over. Applicants must be experienced and have a sound connection in the territory. Write giving full details of experience, etc., to Box C 1863.

**TOKALON, LTD.** requires a cosmetic chemist to undertake responsibility for analyses, quality control and research work. Write, giving particulars of qualifications, experience, age and salary required, to Tokalon, Ltd., 450 Basingstoke Road, Reading. C 7742

**THE CROOKES LABORATORIES, LIMITED****Medical Representative**

Applications are invited for a representative to cover Kent and Sussex. A pharmaceutical qualification or an adequate technical background is essential. Candidates should preferably be aged 25-40 and possess personality and initiative. The appointment carries a progressive salary and an annual bonus/commission payment, directly associated with territorial results obtained, together with an adequate expense allowance. The position is superannuated, and only candidates with a keen desire to progress should apply in writing to the Sales Director, The Crookes Laboratories, Ltd., Gorst Road, Park Royal, N.W.10. C 7713

**REPRESENTATIVE  
BRITISH EAST AFRICA**

Experienced pharmacist is required for professional detailing by the British East African Agents of a well-known pharmaceutical company. A three-year contract will be offered and expenses will be paid in addition to salary. Candidates, who should preferably be unmarried, should submit, in confidence, fullest details of age, qualifications, experience and salary required to Box C 7733.

**SITUATIONS WANTED**

3/- for 18 words (min.) then 2d. per word.  
Box 1/-

**RETAIL (HOME)**

**DISPENSER** (male), unqualified. Many years' experience in high-class pharmacies (est. over 125 years) seeks situation. Devon or West Country preferable but not essential. Box C 1899.

**EXPERIENCED QUALIFIED** ("Hall") dispenser-secretary seeks post. Living accommodation essential. Free now. Fletcher, Corner Cottage, St. James Street, Ludgershall, Andover, Hants. C 1891

**UNQUALIFIED** (59), very active, pleasant and obliging with long varied all-round experience, good salesman, requires temporary or permanent. "J.D.", 3 Cedar Avenue, Whitton, Middlesex. C 1906

**WHOLESALE**

**ACTIVE EXECUTIVE** with wide experience of the pharmaceutical and chemical trade, retail, wholesale, manufacturing, home and export, for past 17 years as sales and factory executive, seeks sound position with reliable firm. Box C 1875.

**ADVERTISER**, long experience cosmetic trade seeks change of employment. Executive position. Advertising, home or export sales. Box C 1912.

**BUYER**, under 40 years, seeks change. Fully experienced all types packaging, show material and raw materials. First-class contacts. Able control all stocks. London or Home Counties preferred. Box C 1909.

**EXPERIENCED REPRESENTATIVE**, good connection chemists and stores. North-east England seeks position with house of repute. Box C 1903.

**SOUTH WALES.** Experienced representative now free to accept appointment. Long-standing connection chemists. Box C 1907.

**WELL-EDUCATED LADY** representative. Own car, good connection Liverpool and West Lancashire chemists. Wide knowledge Lancashire, Cheshire, Wales. Box C 1898.

**WEST SUSSEX/HANTS.** Gentleman (33), first-class education, successful sales, production and executive record with leading firms home and overseas, seeks new appointment offering scope for proved ability. Write Box C 1908.

**BUSINESS OPPORTUNITIES**

17/6 for 36 words (min.) then 4d. per word.  
Box 2/-

**STRIP PACKED ASPIRIN TABLETS, B.P.** 5 gr. Inquiries solicited. The Dales Tablet Makers, Ltd., Steeton, Yorkshire. C 185

**PARKE, DAVIS & CO., LTD.**

invite applications from pharmacists up to 35 years of age, for a Junior executive position in the home sales department. Previous experience with a Manufacturing House not essential as successful applicant will receive thorough training in sales procedure and after a suitable period will have the opportunity of joining the medical representative staff. Facilities include staff restaurant, five day week, generous pension plan and a modern sales department in the new Administrative building. Applications should be addressed to the Personnel Manager, Parke, Davis & Co., Ltd., Staines Road, Hounslow, Middlesex.

C 7761

EST. 1883

BIS. 1941

**C. Ribbands & Sons**  
*The Complete Pharmacy Fitters  
Shopfronts and Interiors*

3 RAVEY ST., BISHOPSGATE, LONDON. E.C.2.

**C. & D. REFRESHER COURSE**

for Pharmacists

up to the minute information—compiled by a team of experts—

Reprinted from "The Chemist &amp; Druggist"

WIDE SELECTION OF TECHNICAL SUBJECTS FULLY COVERED

PRICE 3/- Postage 2d.

Send remittance with order to—

The Publisher **THE CHEMIST & DRUGGIST**, 28 ESSEX STREET STRAND LONDON, W.C.2.**WANTED**

17/6 for 36 words (min.) then 4d. per word.  
Box 2/-

**ALL KINDS OF BOTTLES, JARS, SCREW CAPS**, cartons, packaging materials and manufacturers' stocks of all kinds bought at fair price for spot cash. We are buyers of merchandise of **EVERY DESCRIPTION**. Clearance Stocks. Discontinued lines. Surplus and Redundant Stocks. Should you have anything for disposal, please send us samples and particulars. Reliance Trading Co., 13 New College Parade, Finchley Road, N.W.3, C 153

**MEDICAL BOTTLES**, tablet bottles, closures and all types of packaging materials purchased, no quantity too large. Samples and full details to Noel Davold & Co., 9 Laurence Pountney Lane, Cannon Street, E.C.4. Mansion House 3951-2. C 178

**WE WILL PURCHASE** for cash a complete stock, a redundant line, including finished or partly finished goods, packing raw materials, etc. No quantity too large. Our representative will call anywhere. Write or telephone:—Lawrence Edwards & Co., Ltd., 6/7 Wellington Closc, Ledbury Rd., London, W.11. Tel.: Bayswater 4020, 7692. C 140

**AGENCIES**

17/6 for 36 words (min.) then 4d. per word.  
Box 2/-

**COMMISSION AGENTS** required by old-established house, calling on chemists and allied trades, Box C 1894.

**SLIMAIID PRODUCTS, LTD.**, Southport, the makers of Slimso Chocolates, and Marmalade, require agents on commission basis, for Scotland, Wales and parts of England, who have extensive connections to all leading chemists and stores. C 1895

**WELL-KNOWN MANUFACTURER** selling to chemists and best grocers has vacancy for first-class agent or shared man in Lincolnshire and also Devon and Cornwall. Terms by agreement. Our representatives know of this advertisement. Please write to: Box C 7749.

**MISCELLANEOUS SALES**

17/6 for 36 words (min.) then 4d. per word.  
Box 2/-

**500 GROSS** new 2-oz. white flint pomade jars in original cartons. Minimum quantity 50 gross, 10s. 6d. per gross. Leon Davis & Co., 9 Laurence Pountney Lane, E.C.4. Mansion House 3951/2/3.

**MODERN CHEMIST SHOPFITTINGS**, drug ranges, wallcases and frameless sliding doors, display counters and showcases; all types of window fittings and display stands. D. Matthews & Son, Ltd., Complete Chemist Shop Fitters and Shop Front Builders, 14/16 Manchester St., Liverpool. C 141

**PARADICHLOROBENZENE**, 10 tons in original kegs. £105 per ton. Box C 7744.

**SHOWCASE**, 6 ft. 10 in. x 8 ft. 6 in. wide sliding glass doors, 9 drawers, inspection at and offers to Pearson's Antiseptic Co., Ltd., 172 Buckingham Palace Road, S.W.1. C 7757

**MISCELLANEOUS**

**SHOPFRONTS**, Stainless Steel, Bronze, Hardwood, Burns (£100), Shopfitters, Chiswick 1193, 67 High St., Cranford, Hounslow, Middlesex, C 198

**SHOWCASES, SHOWCASES, SHOWCASES**, Latest designs. All sizes including glass counters. Free delivery. Write for details to (Dept. "P"), Vandome & Hart, Ltd., Wenlock Rd., London, N.1 (Established 1660). Showrooms, High St., Kingston-on-Thames, C 196

**TERYLENE** and nylon laboratory coats, jackets, acid resisting, easily washed, no ironing required, direct from manufacturer. Price list, patterns. Ley, 4 Shaftesbury Avenue, Kenton, Middlesex. C 1878

**SPECIAL OFFER TO SHOPKEEPERS.**

Real Holland inside Roller spring blinds for shop-doors. Complete with bkts, screws, pull-down tab, eyelet and twist stud for holding blind. Colours, dark green and navy. Delivered only on receipt of cash. Sizes up to 2 ft. 6 in. wide x 4 ft. drop, 22/-, 2 ft. 6 in. to 3 ft. wide and down to 5 ft. 6 in. drop, on automatic spring roller blinds, 24/6d. Approx. delivery 1 week. Send exact width (inc. bkts) and drop to **J. Avery & Co.**, 81 Gt. Portland Street, London, W.1. C 1896

**AN ENCYCLOPÆDIA OF POISONS LAW**

**VOLUME I**  
**POISONS LIST & KEY**  
**20/-** (postage 6d.)

*The*  
**CHEMIST AND DRUGGIST**  
**POISONS GUIDE**

**VOLUME 2**  
**POISONS PROVISIONS**  
**& EXPLANATIONS**  
**40/-** (postage 6d.)

Compiled and co-ordinated by **W. A. WHATMOUGH**, B.Sc., Ph.C., F.R.I.C.

No pharmacist, in whatever branch he is engaged, can afford to be without these two volumes, which together form a veritable encyclopaedia of poisons law. They provide complete information on what the authorised seller of poisons should do in every situation covered by the Poisons Rules and Dangerous Drugs regulations and enables poisons to be supplied without the slightest anxiety. Order these essential volumes NOW!

Order from your Bookseller or direct from The Publisher: **28 ESSEX ST., STRAND, LONDON, W.C.2**



*The lady's using*  
**Ol. Amygdalæ Dulc. Ang. B.P.**

ALMOND OIL has many applications; brilliantine and hair oils, skin preparations, and ear drops.

It is widely used in face creams and cosmetics.

Get all you want easily and quickly from Whiffens.

**WHIFFENS**



*suppliers of fine chemicals  
for more than 100 years*

WHIFFEN & SONS LTD., NORTH WEST HOUSE, MARYLEBONE ROAD, LONDON, N.W.1  
 TELEPHONE: PADDINGTON 1041/9. TELEGRAMS: WHIFFEN, NORWEST, LONDON

The  
**CHEMIST AND DRUGGIST**

NOVEMBER 13 1954

★ OPIATES, MEMINE (Brand of Pholcodine), ALOIN, ETHER (Keith's), CHLOROFORM (Specially Pure for Anæsthesia), ETHYL CHLORIDE (in automatic spray tubes), NEOTHYL (Brand of Methyl n-propyl Ether), SURGICAL SUTURES, DEHESINE (Plaster remover), OPOIDINE (The original British Preparation of the total Opium Alkaloids).



J. F.

**MACFARLAN**  
& CO. LTD.

*The House for*  
**ALKALOIDS & ANÆSTHETICS**  
*with over 160 years experience*

8. ELSTREE WAY, BOREHAM WOOD, HERTS.  
109, ABBEYHILL, EDINBURGH, 8.



